

# Octane

<b>Other names:</b>	2,2,4-trimethylpentane Oktan Oktanen Ottani UN 1262 isooctane n-C <sub>8</sub> H <sub>18</sub> n-Octane
<b>Inchi:</b>	InChI=1S/C <sub>8</sub> H <sub>18</sub> /c1-3-5-7-8-6-4-2/h3-8H2,1-2H3
<b>InchiKey:</b>	TVMXDCGIABBOFY-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>8</sub> H <sub>18</sub>
<b>SMILES:</b>	CCCCCCCC
<b>Mol. weight [g/mol]:</b>	114.23
<b>CAS:</b>	111-65-9

## Physical Properties

Property code	Value	Unit	Source
af	0.3980		KDB
aigt	493.15	K	KDB
ap	343.750	K	KDB
chl	-5470.30 ± 1.60	kJ/mol	NIST Webbook
chl	-5466.60	kJ/mol	NIST Webbook
chl	-5471.80 ± 5.40	kJ/mol	NIST Webbook
chl	-5441.30	kJ/mol	NIST Webbook
chl	-5270.40	kJ/mol	NIST Webbook
chl	-5470.71 ± 0.67	kJ/mol	NIST Webbook
dm	0.00	debye	KDB
fil	1.00	% in Air	KDB
flu	6.50	% in Air	KDB
fpo	286.48	K	KDB
gf	16.40	kJ/mol	KDB
gyrad	4.6800		KDB
hcg	5470.71	kJ/mol	KDB
hcn	5074.565	kJ/mol	KDB
hf	-208.40 ± 0.67	kJ/mol	NIST Webbook
hf	-208.60	kJ/mol	KDB
hf	-208.70	kJ/mol	NIST Webbook

hfl	-250.00 ± 0.84	kJ/mol	NIST Webbook
hfl	-250.30 ± 1.80	kJ/mol	NIST Webbook
hfus	16.48	kJ/mol	Joback Method
hvap	41.48	kJ/mol	NIST Webbook
hvap	41.50 ± 0.10	kJ/mol	NIST Webbook
hvap	41.50 ± 0.10	kJ/mol	NIST Webbook
hvap	34.00	kJ/mol	NIST Webbook
hvap	41.50	kJ/mol	NIST Webbook
hvap	41.60	kJ/mol	NIST Webbook
hvap	41.53	kJ/mol	NIST Webbook
hvap	41.50 ± 0.10	kJ/mol	NIST Webbook
hvap	41.60 ± 0.08	kJ/mol	NIST Webbook
hvap	41.60 ± 0.08	kJ/mol	NIST Webbook
ie	10.01	eV	NIST Webbook
ie	9.80 ± 0.15	eV	NIST Webbook
ie	9.79	eV	NIST Webbook
ie	10.25	eV	NIST Webbook
ie	9.80 ± 0.10	eV	NIST Webbook
ie	9.71 ± 0.15	eV	NIST Webbook
log10ws	-5.24		Aqueous Solubility Prediction Method
log10ws	-5.24		Estimated Solubility Method
logp	3.367		Crippen Method
mvol	123.580	ml/mol	McGowan Method
nfpaf	%!(float64=3)		KDB
pc	2490.00 ± 30.00	kPa	NIST Webbook
pc	2497.10 ± 20.00	kPa	NIST Webbook
pc	2492.59 ± 50.66	kPa	NIST Webbook
pc	2488.00 ± 40.53	kPa	NIST Webbook
pc	2486.20 ± 40.53	kPa	NIST Webbook
pc	2490.00 ± 30.00	kPa	NIST Webbook
pc	2480.00 ± 5.00	kPa	NIST Webbook
pc	2487.00	kPa	NIST Webbook
pc	2495.00 ± 20.00	kPa	NIST Webbook
pc	2497.12 ± 19.99	kPa	NIST Webbook
pc	2490.00	kPa	KDB
pc	2496.00 ± 10.00	kPa	Determination of the Critical Properties of C6 C10 n-Alkanes and Their Binary Systems Using a Flow Apparatus
pc	2470.00 ± 98.07	kPa	NIST Webbook

pc	2496.00	kPa	Experimental determination of critical data of multi-component mixtures containing potential gasoline additives 2-butanol by a flow-type apparatus
pc	2496.00	kPa	Measurement of critical properties for binary and ternary mixtures containing potential gasoline additive diethyl carbonate (DEC)
pc	2486.93 ± 17.23	kPa	NIST Webbook
pc	2496.00	kPa	Measurement of Critical Properties for Binary and Ternary Mixtures Containing n-Butanol and n-Alkane
sg	467.06 ± 0.92	J/mol×K	NIST Webbook
sl	359.80	J/mol×K	NIST Webbook
sl	361.20	J/mol×K	NIST Webbook
sl	359.80	J/mol×K	NIST Webbook
tb	398.15 ± 0.60	K	NIST Webbook
tb	397.40 ± 1.00	K	NIST Webbook
tb	398.15 ± 2.00	K	NIST Webbook
tb	398.70 ± 0.20	K	NIST Webbook
tb	398.95 ± 0.50	K	NIST Webbook
tb	398.90 ± 0.20	K	NIST Webbook
tb	398.75 ± 0.30	K	NIST Webbook
tb	397.65 ± 0.50	K	NIST Webbook
tb	398.80 ± 0.30	K	NIST Webbook
tb	397.15 ± 1.00	K	NIST Webbook
tb	398.75 ± 0.20	K	NIST Webbook
tb	401.65 ± 0.50	K	NIST Webbook
tb	398.75 ± 0.30	K	NIST Webbook
tb	398.90 ± 0.20	K	NIST Webbook
tb	398.81 ± 0.20	K	NIST Webbook
tb	398.95 ± 0.20	K	NIST Webbook
tb	398.80 ± 0.05	K	NIST Webbook
tb	398.55 ± 0.50	K	NIST Webbook
tb	398.81 ± 0.01	K	NIST Webbook
tb	396.00 ± 2.00	K	NIST Webbook
tb	398.55 ± 0.50	K	NIST Webbook
tb	398.75 ± 0.50	K	NIST Webbook
tb	398.74 ± 0.10	K	NIST Webbook
tb	398.35 ± 0.30	K	NIST Webbook
tb	398.55 ± 0.50	K	NIST Webbook
tb	398.74 ± 0.15	K	NIST Webbook

tb	397.75 ± 0.50	K	NIST Webbook
tb	398.95 ± 0.20	K	NIST Webbook
tb	398.15 ± 1.00	K	NIST Webbook
tb	397.65 ± 0.30	K	NIST Webbook
tb	398.75 ± 0.40	K	NIST Webbook
tb	399.00 ± 1.00	K	NIST Webbook
tb	398.15 ± 1.00	K	NIST Webbook
tb	398.95 ± 0.30	K	NIST Webbook
tb	398.15 ± 2.00	K	NIST Webbook
tb	398.95 ± 0.30	K	NIST Webbook
tb	398.64 ± 0.10	K	NIST Webbook
tb	398.45 ± 0.50	K	NIST Webbook
tb	396.70 ± 1.50	K	NIST Webbook
tb	398.90 ± 0.30	K	NIST Webbook
tb	398.75 ± 0.30	K	NIST Webbook
tb	397.35 ± 0.50	K	NIST Webbook
tb	398.85 ± 0.50	K	NIST Webbook
tb	398.80 ± 0.40	K	NIST Webbook
tb	398.75 ± 0.30	K	NIST Webbook
tb	397.20 ± 2.00	K	NIST Webbook
tb	397.85 ± 0.30	K	NIST Webbook
tb	398.62 ± 0.30	K	NIST Webbook
tb	398.25 ± 0.30	K	NIST Webbook
tb	398.90 ± 0.20	K	NIST Webbook
tb	398.81 ± 0.10	K	NIST Webbook
tb	393.15 ± 3.00	K	NIST Webbook
tb	398.95 ± 0.50	K	NIST Webbook
tb	399.00 ± 0.70	K	NIST Webbook
tb	398.80 ± 0.40	K	NIST Webbook
tb	398.71 ± 0.20	K	NIST Webbook
tb	398.55 ± 0.30	K	NIST Webbook
tb	398.81 ± 0.44	K	NIST Webbook
tb	398.75 ± 0.10	K	NIST Webbook
tb	399.09 ± 0.30	K	NIST Webbook
tb	398.85 ± 0.40	K	NIST Webbook
tb	396.40 ± 2.00	K	NIST Webbook
tb	397.80 ± 0.30	K	NIST Webbook
tb	399.15 ± 1.50	K	NIST Webbook
tb	398.82 ± 0.30	K	NIST Webbook
tb	398.85 ± 0.25	K	NIST Webbook
tb	398.40 ± 1.00	K	NIST Webbook
tb	399.00 ± 0.60	K	NIST Webbook
tb	398.27 ± 0.30	K	NIST Webbook
tb	398.77 ± 0.15	K	NIST Webbook

tb	398.55 ± 0.30	K	NIST Webbook
tb	398.75 ± 0.50	K	NIST Webbook
tb	398.76 ± 0.20	K	NIST Webbook
tb	398.95 ± 0.40	K	NIST Webbook
tb	398.77 ± 0.10	K	NIST Webbook
tb	398.12 ± 0.20	K	NIST Webbook
tb	398.55 ± 0.20	K	NIST Webbook
tb	398.75 ± 0.15	K	NIST Webbook
tb	398.70 ± 0.50	K	NIST Webbook
tb	398.93 ± 0.08	K	NIST Webbook
tb	398.96 ± 0.50	K	NIST Webbook
tb	398.96 ± 0.20	K	NIST Webbook
tb	398.80	K	NIST Webbook
tb	398.73 ± 0.10	K	NIST Webbook
tb	398.90	K	NIST Webbook
tb	398.80 ± 0.20	K	NIST Webbook
tb	398.80 ± 0.20	K	NIST Webbook
tb	398.85	K	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
tb	398.83	K	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
tb	398.82	K	KDB
tb	398.65	K	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa
tb	398.83	K	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters

tb	398.83 ± 0.02	K	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
tb	398.96	K	Isobaric Vapor-Liquid Equilibria of Hexane + 1-Decene and Octane + 1-Decene Mixtures
tb	398.79	K	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
tb	399.15	K	Excess volumes, densities, speeds of sound and viscosities for the binary systems of diisopropyl ether with hydrocarbons at 303.15K
tb	398.60	K	Excess molar volumes of the ternary system {methylcyclohexane (1) + cyclohexane (2) + n-alkanes (3)} at T = 298.15 K
tb	398.79	K	Isothermal and isobaric (vapour + liquid) equilibria of (alpha-pinene + n-butanol + n-octane)
tb	398.57	K	Isobaric vapor-liquid equilibrium for binary system of 2-ethylthiophene + n-octane at 101.33 kPa
tb	398.74	K	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
tb	398.49	K	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
tb	398.76 ± 0.20	K	NIST Webbook
tb	398.81 ± 0.10	K	NIST Webbook
tb	398.80	K	Isobaric Vapor Liquid Equilibrium of Binary Systems of Hexane or Octane with 1,2-Dimethylbenzene or 1,3-Dimethylbenzene at 101.3 kPa

tc	568.80	K	The Critical Temperatures of a Number of (i) (Chloroalkane (C3 C4) + Hydrocarbon (C6 C7)) Binary Mixtures and (ii) (Aromatic Halocarbon (Chlorobenzene, Fluorobenzene, 1,2-Dichlorobenzene, or 1,3-Dichlorobenzene) + Alkane (C8)) Binary Mixtures
tc	568.70	K	KDB
tc	568.92 ± 0.40	K	Determination of the Critical Properties of C6 C10 n-Alkanes and Their Binary Systems Using a Flow Apparatus
tc	568.90	K	Measurement of Critical Properties for Binary and Ternary Mixtures Containing n-Butanol and n-Alkane
tc	568.90	K	Measurement of critical properties for binary and ternary mixtures containing potential gasoline additive diethyl carbonate (DEC)
tc	568.92	K	Experimental determination of critical data of multi-component mixtures containing potential gasoline additives 2-butanol by a flow-type apparatus
tf	216.26	K	Aqueous Solubility Prediction Method
tf	216.30	K	KDB
tt	216.37	K	KDB
tt	216.36 ± 0.05	K	NIST Webbook
tt	216.37 ± 0.02	K	NIST Webbook
tt	215.80 ± 0.20	K	NIST Webbook
tt	216.37 ± 0.20	K	NIST Webbook
tt	216.36 ± 0.20	K	NIST Webbook
tt	216.37 ± 0.03	K	NIST Webbook
tt	216.37 ± 0.40	K	NIST Webbook
tt	215.85 ± 0.20	K	NIST Webbook
tt	215.60 ± 0.25	K	NIST Webbook
vc	0.492	m <sup>3</sup> /kmol	NIST Webbook
vc	0.492	m <sup>3</sup> /kmol	KDB
zc	0.2590860		KDB
zra	0.26		KDB

# Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	250.59 ± 0.50	J/mol×K	423.15	NIST Webbook
cpg	297.00 ± 0.59	J/mol×K	523.15	NIST Webbook
cpg	295.39	J/mol×K	522.70	NIST Webbook
cpg	285.98 ± 0.57	J/mol×K	498.15	NIST Webbook
cpg	274.84 ± 0.55	J/mol×K	473.15	NIST Webbook
cpg	270.70	J/mol×K	462.50	NIST Webbook
cpg	263.02 ± 0.53	J/mol×K	448.15	NIST Webbook
cpg	242.67	J/mol×K	405.70	NIST Webbook
cpg	238.95 ± 0.48	J/mol×K	398.15	NIST Webbook
cpg	232.74 ± 0.47	J/mol×K	385.65	NIST Webbook
cpl	253.89	J/mol×K	298.15	NIST Webbook
cpl	255.68	J/mol×K	298.15	NIST Webbook
cpl	262.20	J/mol×K	318.15	NIST Webbook
cpl	254.70	J/mol×K	299.00	NIST Webbook
cpl	269.31 ± 0.06	J/mol×K	333.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	267.24 ± 0.05	J/mol×K	328.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	264.78 ± 0.05	J/mol×K	323.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions



cpl	$262.70 \pm 0.06$	J/molxK	318.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	$260.87 \pm 0.05$	J/molxK	313.16	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	$258.05 \pm 0.04$	J/molxK	308.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	$256.50 \pm 0.05$	J/molxK	303.16	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	$253.98 \pm 0.04$	J/molxK	298.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions

cpl	252.24 ± 0.05	J/mol×K	293.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	250.10 ± 0.05	J/mol×K	288.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	248.16 ± 0.05	J/mol×K	283.15	Excess Molar Enthalpies and Heat Capacities of {2-Methylpiperidine Water} and {N-Methylpiperidine Water} Systems of Low to Moderate Amine Compositions
cpl	262.66	J/mol×K	318.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	260.45	J/mol×K	313.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	258.28	J/mol×K	308.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	256.16	J/mol×K	303.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}

cpl	254.08	J/mol×K	298.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	255.68	J/mol×K	298.15	NIST Webbook
cpl	250.10	J/mol×K	288.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	248.20	J/mol×K	283.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	258.03	J/mol×K	308.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
cpl	253.94	J/mol×K	298.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
cpl	250.12	J/mol×K	288.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
cpl	295.97	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	292.88	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges

cpl	290.94	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	253.93	J/mol×K	299.80	NIST Webbook
cpl	252.06	J/mol×K	293.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
cpl	247.70	J/mol×K	293.70	NIST Webbook
cpl	288.88	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	286.49	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	283.97	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	281.57	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges

cpl	279.17	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	255.68	J/mol×K	298.15	NIST Webbook
cpl	254.11	J/mol×K	298.15	NIST Webbook
cpl	255.68	J/mol×K	298.15	NIST Webbook
cpl	251.50	J/mol×K	298.30	NIST Webbook
cpl	254.18	J/mol×K	298.15	NIST Webbook
cpl	252.40	J/mol×K	297.54	NIST Webbook
cpl	254.02	J/mol×K	298.15	NIST Webbook
cpl	252.40	J/mol×K	298.00	NIST Webbook
cpl	254.07	J/mol×K	298.15	NIST Webbook
cpl	252.92	J/mol×K	298.15	NIST Webbook
cpl	277.00	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	274.49	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	272.32	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	270.04	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges

cpl	254.14	J/mol×K	298.15	NIST Webbook
cpl	267.75	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	265.58	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	263.18	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	260.90	J/mol×K	10130.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	293.45	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	290.37	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges

cpl	287.86	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	285.11	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	282.60	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	280.09	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	277.58	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	275.18	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges

cpl	272.66	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	270.38	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	267.98	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	265.70	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	263.30	J/mol×K	100.00	Heat capacity and Joule-Thomson coefficient of selected n-alkanes at 0.1 and 10 MPa in broad temperature ranges
cpl	253.72	J/mol×K	298.15	NIST Webbook
cpl	253.20	J/mol×K	298.00	NIST Webbook



dvisc	0.0002758	Paxs	6724.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004426	Paxs	313.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003961	Paxs	323.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003634	Paxs	333.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003311	Paxs	343.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0003013	Paxs	353.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002765	Paxs	363.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002540	Paxs	373.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002340	Paxs	383.00	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002205	Paxs	393.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002019	Paxs	403.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001905	Paxs	413.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0001761	Paxs	423.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001643	Paxs	433.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001526	Paxs	443.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001417	Paxs	453.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001321	Paxs	463.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001228	Paxs	473.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001138	Paxs	483.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0001068	Paxs	493.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000993	Paxs	503.00	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000901	Paxs	513.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000825	Paxs	523.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000753	Paxs	533.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000678	Paxs	543.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000607	Paxs	553.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0000532	Paxs	563.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000444	Paxs	573.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000325	Paxs	583.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0004948	Paxs	303.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0004431	Paxs	313.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003979	Paxs	323.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003617	Paxs	333.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0003308	Paxs	343.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0003032	Paxs	353.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002775	Paxs	363.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002580	Paxs	373.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002379	Paxs	383.00	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002202	Paxs	393.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0002040	Paxs	403.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0001902	Paxs	413.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001775	Paxs	423.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001642	Paxs	433.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001514	Paxs	443.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001428	Paxs	453.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001318	Paxs	463.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001241	Paxs	473.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa

dvisc	0.0001152	Paxs	483.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0001072	Paxs	493.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000983	Paxs	503.00	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000904	Paxs	513.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000826	Paxs	523.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000751	Paxs	533.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000678	Paxs	543.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa



dvisc	0.0000609	Paxs	553.40	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000534	Paxs	563.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000446	Paxs	573.30	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0000323	Paxs	583.10	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0005850	Paxs	288.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0005520	Paxs	293.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0005230	Paxs	298.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa

dvisc	0.0004960	Paxs	303.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0004730	Paxs	308.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0004500	Paxs	313.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0004310	Paxs	318.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0004120	Paxs	323.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0003950	Paxs	328.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0003790	Paxs	333.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0003650	Paxs	338.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
dvisc	0.0003520	Paxs	343.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa

dvisc	0.0005014	Paxs	303.20	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0003078	Paxs	353.10	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0002070	Paxs	403.20	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0001465	Paxs	453.10	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0001049	Paxs	503.00	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0000692	Paxs	553.40	Experimental Measurement of JP-10 Viscosity at 242.7-753.3 K under Pressures up to 6.00 MPa
dvisc	0.0005512	Paxs	1996.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005631	Paxs	3994.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005752	Paxs	6001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

dvisc	0.0005874	Paxs	8004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005997	Paxs	10009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006183	Paxs	13010.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006371	Paxs	16009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006566	Paxs	19011.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006759	Paxs	22012.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006954	Paxs	25004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0007152	Paxs	28004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0007285	Paxs	30002.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

dvisc	0.0004402	Paxs	2007.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004497	Paxs	4000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004593	Paxs	5999.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004690	Paxs	7997.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004788	Paxs	10009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004935	Paxs	13005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005083	Paxs	16009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005234	Paxs	19006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

dvisc	0.0005385	Paxs	21998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004913	Paxs	303.20	Viscosity Measurement of Endothermic Fuels at Temperatures from 303 K to 673 K and Pressures up to 5.00 MPa
dvisc	0.0005694	Paxs	27998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0005798	Paxs	30001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003601	Paxs	2005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003681	Paxs	3993.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003761	Paxs	5998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003841	Paxs	8014.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

dvisc	0.0003921	Paxs	10007.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004043	Paxs	13004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004166	Paxs	16002.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004289	Paxs	19006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004414	Paxs	22003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004539	Paxs	25006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004666	Paxs	28003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0004751	Paxs	30012.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0002974	Paxs	2008.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

dvisc	0.0003043	Paxs	3999.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003112	Paxs	6000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003181	Paxs	8001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003250	Paxs	10006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003354	Paxs	13003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003458	Paxs	16004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003563	Paxs	19000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003669	Paxs	22003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures



dvisc	0.0003775	Paxs	25005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003882	Paxs	28008.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0003954	Paxs	30004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
dvisc	0.0006247	Paxs	283.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0005523	Paxs	293.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0004828	Paxs	303.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0004320	Paxs	313.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering

dvisc	0.0003870	Paxs	323.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0003079	Paxs	348.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0002487	Paxs	373.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0002028	Paxs	398.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0001665	Paxs	423.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0001393	Paxs	448.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering

dvisc	0.0001168	Paxs	473.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0000947	Paxs	498.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0000755	Paxs	523.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
dvisc	0.0005450	Paxs	293.15	Viscosities of Dimethyl Carbonate or Diethyl Carbonate with Alkanes at Four Temperatures. New UNIFAC-VISCO Parameters
dvisc	0.0005130	Paxs	298.15	Viscosities of Dimethyl Carbonate or Diethyl Carbonate with Alkanes at Four Temperatures. New UNIFAC-VISCO Parameters
dvisc	0.0004840	Paxs	303.15	Viscosities of Dimethyl Carbonate or Diethyl Carbonate with Alkanes at Four Temperatures. New UNIFAC-VISCO Parameters

dvisc	0.0004340	Paxs	313.15	Viscosities of Dimethyl Carbonate or Diethyl Carbonate with Alkanes at Four Temperatures. New UNIFAC-VISCO Parameters
dvisc	0.0003892	Paxs	100.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004400	Paxs	10096.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0004950	Paxs	20701.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0005300	Paxs	30654.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0005760	Paxs	41050.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0006330	Paxs	54543.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0006930	Paxs	68036.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003011	Paxs	100.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0003338	Paxs	7551.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003513	Paxs	13680.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003780	Paxs	20500.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0004008	Paxs	27466.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004000	Paxs	27469.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004240	Paxs	34305.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa



dvisc	0.0004240	Paxs	34314.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004490	Paxs	41226.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004490	Paxs	41227.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0004710	Paxs	48070.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004980	Paxs	55000.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004990	Paxs	55004.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0005220	Paxs	61992.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0005330	Paxs	61994.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0002757	Paxs	6723.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0000995	Paxs	503.00	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0003205	Paxs	20592.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003217	Paxs	20599.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0003429	Paxs	27397.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003429	Paxs	27402.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003646	Paxs	34317.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0003649	Paxs	34324.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003810	Paxs	41184.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003800	Paxs	41207.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0003840	Paxs	41221.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004090	Paxs	48024.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004090	Paxs	48032.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0004330	Paxs	54853.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004320	Paxs	54866.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0004470	Paxs	61686.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa



dvisc	0.0004490	Paxs	61704.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0002290	Paxs	14725.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0002520	Paxs	27159.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0002870	Paxs	40831.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003440	Paxs	54591.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
dvisc	0.0003520	Paxs	68420.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

dvisc	0.0005439	Paxs	293.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
dvisc	0.0005177	Paxs	298.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
dvisc	0.0004795	Paxs	303.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
dvisc	0.0004358	Paxs	313.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
dvisc	0.0004918 ± 0.0000030	Paxs	303.15	Viscosity of the binary systems 2-methyl-2-propanol with n-alkanes at T = (303.15, 308.15, 313.15, 318.15 and 323.15) K: Prediction and correlation - New UNIFAC-VISCO interaction parameters
dvisc	0.0006140	Paxs	283.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.

dvisc	0.0005420	Paxs	293.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
dvisc	0.0005080	Paxs	298.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
dvisc	0.0004830	Paxs	303.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
dvisc	0.0004300	Paxs	313.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.

dvisc	0.0005380	Paxs	293.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
dvisc	0.0005060	Paxs	298.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
dvisc	0.0004780	Paxs	303.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
dvisc	0.0005340 ± 0.0000030	Paxs	293.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure

dvisc	0.0005010 ± 0.0000030	Paxs	298.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0004720 ± 0.0000030	Paxs	303.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0004220 ± 0.0000030	Paxs	313.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0003800 ± 0.0000030	Paxs	323.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0003430 ± 0.0000030	Paxs	333.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure

dvisc	0.0003140 ± 0.0000030	Paxs	343.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0002870 ± 0.0000030	Paxs	353.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0002610 ± 0.0000030	Paxs	363.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
dvisc	0.0005206 ± 0.0000030	Paxs	298.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0004837 ± 0.0000030	Paxs	303.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures

dvisc	0.0004306 ± 0.0000030	Paxs	313.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0003864 ± 0.0000030	Paxs	323.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0003495 ± 0.0000030	Paxs	333.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0003139 ± 0.0000030	Paxs	343.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0002840 ± 0.0000030	Paxs	353.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
dvisc	0.0005180 ± 0.0000060	Paxs	298.15	Thermophysical Properties of Binary Mixtures of 2-Methyl-1-propanol with Hexane, Octane, and Decane at 298.15 K



dvisc	0.0005560 ± 0.0000030	Paxs	293.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
dvisc	0.0005290 ± 0.0000030	Paxs	298.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
dvisc	0.0005010 ± 0.0000030	Paxs	303.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
dvisc	0.0004560 ± 0.0000030	Paxs	313.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
dvisc	0.0007180 ± 0.0000040	Paxs	273.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0006710 ± 0.0000040	Paxs	278.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0006230 ± 0.0000040	Paxs	283.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K

dvisc	0.0005840 ± 0.0000040	Paxs	288.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0005450 ± 0.0000040	Paxs	293.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0005140 ± 0.0000040	Paxs	298.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0004860 ± 0.0000040	Paxs	303.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0004590 ± 0.0000040	Paxs	308.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0004340 ± 0.0000040	Paxs	313.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0004150 ± 0.0000040	Paxs	318.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0003940 ± 0.0000040	Paxs	323.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0003750 ± 0.0000040	Paxs	328.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K

dvisc	0.0003570 ± 0.0000040	Paxs	333.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
dvisc	0.0006310 ± 0.0000126	Paxs	20900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007530 ± 0.0000151	Paxs	40600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0008890 ± 0.0000178	Paxs	60900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0010300 ± 0.0000206	Paxs	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0011900 ± 0.0000238	Paxs	100300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0013600 ± 0.0000272	Paxs	120100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0015500 ± 0.0000310	Paxs	139900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0017500 ± 0.0000350	Paxs	159500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0019800 ± 0.0000396	Paxs	179600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0022100 ± 0.0000442	Paxs	197200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0015550 ± 0.0000311	Paxs	139700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0010400 ± 0.0000208	Paxs	80000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005100 ± 0.0000102	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003870 ± 0.0000077	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0004770 ± 0.0000095	Paxs	20100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005700 ± 0.0000114	Paxs	40000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006720 ± 0.0000134	Paxs	60600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007780 ± 0.0000156	Paxs	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0008970 ± 0.0000179	Paxs	101000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0010100 ± 0.0000202	Paxs	120300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0011500 ± 0.0000230	Paxs	141500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0012800 ± 0.0000256	Paxs	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0014400 ± 0.0000288	Paxs	180700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0016100 ± 0.0000322	Paxs	201800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0011500 ± 0.0000230	Paxs	141600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007810 ± 0.0000156	Paxs	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003870 ± 0.0000077	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003040 ± 0.0000061	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0003810 ± 0.0000076	Paxs	20400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004570 ± 0.0000091	Paxs	40800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005340 ± 0.0000107	Paxs	60700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006140 ± 0.0000123	Paxs	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007060 ± 0.0000141	Paxs	101000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007940 ± 0.0000159	Paxs	120400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0008920 ± 0.0000178	Paxs	140300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0009970 ± 0.0000199	Paxs	160700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0011100 ± 0.0000222	Paxs	180800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0012300 ± 0.0000246	Paxs	201900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0008930 ± 0.0000179	Paxs	140200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006140 ± 0.0000123	Paxs	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003040 ± 0.0000061	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002450 ± 0.0000049	Paxs	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K



dvisc	0.0003120 ± 0.0000062	Paxs	20600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003730 ± 0.0000075	Paxs	39900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0001069	Paxs	493.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0005030 ± 0.0000101	Paxs	80200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005760 ± 0.0000115	Paxs	101100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006450 ± 0.0000129	Paxs	120000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007260 ± 0.0000145	Paxs	140900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0008040 ± 0.0000161	Paxs	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0008900 ± 0.0000178	Paxs	180500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0009810 ± 0.0000196	Paxs	200900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002630 ± 0.0000053	Paxs	21600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003200 ± 0.0000064	Paxs	42000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004300 ± 0.0000086	Paxs	80900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005500 ± 0.0000110	Paxs	120900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0006760 ± 0.0000135	Paxs	160200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0007860 ± 0.0000157	Paxs	192300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006740 ± 0.0000135	Paxs	159500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004260 ± 0.0000085	Paxs	79400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002650 ± 0.0000053	Paxs	21600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002260 ± 0.0000045	Paxs	21400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002760 ± 0.0000055	Paxs	41100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0003720 ± 0.0000074	Paxs	80700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004760 ± 0.0000095	Paxs	121500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005870 ± 0.0000117	Paxs	161300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0006760 ± 0.0000135	Paxs	192500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005810 ± 0.0000116	Paxs	159700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003720 ± 0.0000074	Paxs	80400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002260 ± 0.0000045	Paxs	21400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0001920 ± 0.0000038	Paxs	21000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002390 ± 0.0000048	Paxs	41200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003260 ± 0.0000065	Paxs	81400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004140 ± 0.0000083	Paxs	121500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005040 ± 0.0000101	Paxs	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005850 ± 0.0000117	Paxs	193000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005040 ± 0.0000101	Paxs	159400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0003240 ± 0.0000065	Paxs	80500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0001920 ± 0.0000038	Paxs	21000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0001630 ± 0.0000033	Paxs	19300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002100 ± 0.0000042	Paxs	41100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002890 ± 0.0000058	Paxs	81500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0003670 ± 0.0000073	Paxs	121100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004490 ± 0.0000090	Paxs	161300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

dvisc	0.0005160 ± 0.0000103	Paxs	193400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0004480 ± 0.0000090	Paxs	160700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0002890 ± 0.0000058	Paxs	81100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0001640 ± 0.0000033	Paxs	20000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005087 ± 0.0000018	Paxs	298.15	Viscosity and Density of Binary Mixtures of Ethyl Alcohol with n-Alkanes (C6, C8, and C10)
dvisc	0.0005374 ± 0.0000019	Paxs	293.15	Viscosity and Density of Binary Mixtures of Ethyl Alcohol with n-Alkanes (C6, C8, and C10)
dvisc	0.0004910	Paxs	303.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K

dvisc	0.0004500	Paxs	308.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
dvisc	0.0004150	Paxs	313.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
dvisc	0.0005460 ± 0.0000050	Paxs	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
dvisc	0.0005210 ± 0.0000050	Paxs	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
dvisc	0.0004900 ± 0.0000050	Paxs	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K



dvisc	0.0004670 ± 0.0000050	Paxs	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
dvisc	0.0004420 ± 0.0000050	Paxs	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
dvisc	0.0001139	Paxs	483.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001228	Paxs	473.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001322	Paxs	463.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001416	Paxs	453.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer

dvisc	0.0001527	Paxs	443.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001642	Paxs	433.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001762	Paxs	423.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0001924	Paxs	413.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0002021	Paxs	403.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0002208	Paxs	393.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer

dvisc	0.0002341	Paxs	383.00	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0002545	Paxs	373.30	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0002766	Paxs	363.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0003012	Paxs	353.10	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0003352	Paxs	343.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0003632	Paxs	333.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer

dvisc	0.0003967	Paxs	323.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0004911	Paxs	303.20	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer
dvisc	0.0004770	Paxs	303.15	Excess volumes, densities, speeds of sound and viscosities for the binary systems of diisopropyl ether with hydrocarbons at 303.15K
dvisc	0.0004470	Paxs	313.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
dvisc	0.0004680	Paxs	308.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
dvisc	0.0004910	Paxs	303.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers

dvisc	0.0005170	Paxs	298.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
dvisc	0.0005470	Paxs	293.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
dvisc	0.0005100	Paxs	298.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
dvisc	0.0004810	Paxs	303.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
dvisc	0.0005410	Paxs	293.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures

dvisc	0.0006130	Paxs	283.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
dvisc	0.0005180	Paxs	298.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
dvisc	0.0005180	Paxs	298.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
dvisc	0.0001458	Paxs	10000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0001338	Paxs	5000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0001799	Paxs	10000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures

dvisc	0.0001672	Paxs	5000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0002334	Paxs	10000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0002197	Paxs	5000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0003364	Paxs	10000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0003187	Paxs	5000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0005450 ± 0.0000040	Paxs	293.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0003034	Paxs	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures

dvisc	0.0003829	Paxs	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0005043	Paxs	10000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0004786	Paxs	5000.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0005080	Paxs	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
dvisc	0.0005140	Paxs	298.15	Excess molar volumes and dynamic viscosities for binary mixtures of toluene + n-alkanes (C5 C10) at T = 298.15 K Comparison with Prigogine Flory Patterson theory
dvisc	0.0004560	Paxs	308.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
dvisc	0.0004820	Paxs	303.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K



dvisc	0.0005140	Paxs	298.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
dvisc	0.0004830	Paxs	303.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
dvisc	0.0005123	Paxs	298.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
dvisc	0.0005464	Paxs	293.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
dvisc	0.0004780	Paxs	303.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
dvisc	0.0005060	Paxs	298.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
dvisc	0.0005380	Paxs	293.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
dvisc	0.0005108	Paxs	298.15	Densities and Kinematic Viscosities of a Quinary Regular Liquid System and Its Five Quaternary Subsystems at 293.15A K and 298.15A K

dvisc	0.0005433	Paxs	293.15	Densities and Kinematic Viscosities of a Quinary Regular Liquid System and Its Five Quaternary Subsystems at 293.15A K and 298.15A K
dvisc	0.0004820	Paxs	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0004410	Paxs	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0003880	Paxs	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0003510	Paxs	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0005930	Paxs	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0005360	Paxs	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa

dvisc	0.0004830	Paxs	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0004290	Paxs	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0007170	Paxs	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0006590	Paxs	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0005960	Paxs	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0005440	Paxs	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0009710	Paxs	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa

dvisc	0.0008710	Paxs	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0007930	Paxs	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0007050	Paxs	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
dvisc	0.0003920 ± 0.0000040	Paxs	323.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0004120 ± 0.0000040	Paxs	318.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure

dvisc	0.0004330 ± 0.0000040	Paxs	313.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0004590 ± 0.0000040	Paxs	308.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0004850 ± 0.0000040	Paxs	303.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0005130 ± 0.0000040	Paxs	298.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
dvisc	0.0004414	Paxs	313.30	Viscosity measurements of hydrocarbon fuel at temperatures from (303.2 to 513.2) K and pressures up to 5.1 MPa using a two-capillary viscometer

dvisc	0.0004370 ± 0.0000087	Paxs	60000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
dvisc	0.0005539	Paxs	25000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
hfust	20.74	kJ/mol	216.38	NIST Webbook
hfust	21.80	kJ/mol	216.60	NIST Webbook
hfust	20.74	kJ/mol	216.40	NIST Webbook
hfust	20.65	kJ/mol	215.80	NIST Webbook
hfust	20.09	kJ/mol	215.60	NIST Webbook
hsubt	68.10	kJ/mol	216.00	NIST Webbook
hvapt	34.90	kJ/mol	537.50	NIST Webbook
hvapt	43.00	kJ/mol	257.00	NIST Webbook
hvapt	37.80 ± 0.10	kJ/mol	353.00	NIST Webbook
hvapt	39.10 ± 0.10	kJ/mol	333.00	NIST Webbook
hvapt	40.50 ± 0.10	kJ/mol	313.00	NIST Webbook
hvapt	41.90	kJ/mol	315.50	NIST Webbook
hvapt	41.20	kJ/mol	348.50	NIST Webbook
hvapt	38.00 ± 0.10	kJ/mol	311.00	NIST Webbook
hvapt	36.30	kJ/mol	414.00	NIST Webbook
hvapt	44.40	kJ/mol	247.00	NIST Webbook
hvapt	41.00	kJ/mol	348.50	NIST Webbook
hvapt	39.40	kJ/mol	443.00	NIST Webbook
hvapt	34.41	kJ/mol	398.80	NIST Webbook
hvapt	34.41	kJ/mol	398.80	KDB
hvapt	41.75	kJ/mol	298.00	Enthalpies of Vaporization and Vapor Pressures of Some Deuterated Hydrocarbons. Liquid-Vapor Pressure Isotope Effects
hvapt	36.70 ± 0.10	kJ/mol	328.00	NIST Webbook
hvapt	35.40 ± 0.10	kJ/mol	344.00	NIST Webbook
hvapt	39.20	kJ/mol	363.00	NIST Webbook
hvapt	35.50	kJ/mol	469.00	NIST Webbook

kvisc	0.0000007	m <sup>2</sup> /s	298.15	Densities and Kinematic Viscosities of One Quinary Regular Liquid System and Its Five Quaternary Sub-Systems at Temperatures (293.15 and 298.15) K
kvisc	0.0000008	m <sup>2</sup> /s	293.15	Densities and Kinematic Viscosities of One Quinary Regular Liquid System and Its Five Quaternary Sub-Systems at Temperatures (293.15 and 298.15) K
pvap	67.34	kPa	384.76	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	60.00	kPa	380.84	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
pvap	101.30 ± 0.20	kPa	398.80	Isobaric Vapor Liquid Equilibrium of Binary Systems of Hexane or Octane with 1,2-Dimethylbenzene or 1,3-Dimethylbenzene at 101.3 kPa
pvap	30.00 ± 0.60	kPa	359.76	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	60.00 ± 0.60	kPa	380.43	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System

pvap	90.00 ± 0.60	kPa	394.09	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	101.30 ± 0.60	kPa	398.49	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	30.00 ± 0.60	kPa	360.06	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	60.00 ± 0.60	kPa	380.94	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	90.00 ± 0.60	kPa	394.60	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	101.30 ± 0.60	kPa	398.74	Measurement and Modeling of Vapor Liquid Equilibria for the Octane + Sulfuric Acid + Water + Ethanol System
pvap	40.00 ± 0.36	kPa	368.32	Vapor Liquid Equilibria Measurements for the Nine n-Alkane/Ketone Pairs Comprising 2-, 3-, and 4-Heptanone with n-Octane, n-Nonane, and n-Decane



pvap	40.00 ± 0.36	kPa	367.97	Vapor Liquid Equilibria Measurements for the Nine n-Alkane/Ketone Pairs Comprising 2-, 3-, and 4-Heptanone with n-Octane, n-Nonane, and n-Decane
pvap	40.00 ± 0.36	kPa	368.30	Vapor Liquid Equilibria Measurements for the Nine n-Alkane/Ketone Pairs Comprising 2-, 3-, and 4-Heptanone with n-Octane, n-Nonane, and n-Decane
pvap	101.33	kPa	398.57	Isobaric vapor-liquid equilibrium for binary system of 2-ethylthiophene + n-octane at 101.33 kPa
pvap	19.31	kPa	348.15	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
pvap	96.14	kPa	396.95	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	26.66	kPa	356.74	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
pvap	33.52	kPa	363.15	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
pvap	53.33	kPa	376.95	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane

pvap	64.25	kPa	383.15	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
pvap	101.30	kPa	398.79	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
pvap	101.33	kPa	398.96	Isobaric Vapor-Liquid Equilibria of Hexane + 1-Decene and Octane + 1-Decene Mixtures
pvap	10.59 ± 0.01	kPa	333.15	An equipment for dynamic measurements of vapour liquid equilibria and results in binary systems containing cyclohexylamine
pvap	16.04 ± 0.01	kPa	343.15	An equipment for dynamic measurements of vapour liquid equilibria and results in binary systems containing cyclohexylamine
pvap	23.61 ± 0.01	kPa	353.15	An equipment for dynamic measurements of vapour liquid equilibria and results in binary systems containing cyclohexylamine
pvap	60.00	kPa	380.78	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
pvap	95.10	kPa	391.15	(Vapor + liquid) equilibrium of binary mixtures formed by N,N-dimethyl formamide with some compounds at 95.1 kPa

pvap	23.16	kPa	353.15	Measurement of vapor-liquid equilibria (VLE) and excess enthalpies (HE) of binary systems with 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide and prediction of these properties and A using modified UNIFAC (Dortmund)
pvap	101.32 ± 0.02	kPa	398.83	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
pvap	21.09	kPa	350.64	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	23.14	kPa	353.05	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	25.56	kPa	355.76	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	26.70	kPa	356.97	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	28.55	kPa	358.82	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	31.58	kPa	361.59	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	34.16	kPa	363.86	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	36.53	kPa	365.82	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	38.88	kPa	367.65	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	40.82	kPa	369.09	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	43.19	kPa	370.77	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	45.57	kPa	372.39	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	48.04	kPa	374.01	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	50.59	kPa	375.61	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	33.91 ± 0.01	kPa	363.15	An equipment for dynamic measurements of vapour liquid equilibria and results in binary systems containing cyclohexylamine

pvap	55.02	kPa	378.25	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	58.20	kPa	380.03	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	60.63	kPa	381.34	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	62.68	kPa	382.42	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	65.07	kPa	383.64	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	60.00	kPa	380.76	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
pvap	60.00	kPa	380.85	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane

pvap	60.00	kPa	380.94	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
pvap	60.00	kPa	380.82	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
pvap	1571.00 ± 0.50	kPa	508.17	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	1459.00 ± 0.50	kPa	503.18	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	1255.00 ± 0.50	kPa	493.14	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling

pvap	1072.00 ± 0.50	kPa	483.10	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	911.00 ± 0.50	kPa	473.08	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	837.00 ± 0.50	kPa	468.08	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	769.00 ± 0.50	kPa	463.05	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling



pvap	704.00 ± 0.50	kPa	458.11	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	52.90	kPa	377.00	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	644.00 ± 0.50	kPa	453.09	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	589.00 ± 0.50	kPa	448.13	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling

pvap	536.00 ± 0.50	kPa	443.10	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	488.00 ± 0.50	kPa	438.15	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	442.00 ± 0.50	kPa	433.09	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	401.00 ± 0.50	kPa	428.13	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling

pvap	362.00 ± 0.50	kPa	423.15	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	326.00 ± 0.50	kPa	418.11	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	293.00 ± 0.50	kPa	413.12	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	262.00 ± 0.50	kPa	408.08	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling

pvap	233.00 ± 0.50	kPa	403.09	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	208.00 ± 0.50	kPa	398.09	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	184.00 ± 0.50	kPa	392.98	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	101.32 ± 0.02	kPa	398.85	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties

pvap	199.97	kPa	425.20	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	197.87	kPa	424.76	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	195.02	kPa	424.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	193.15	kPa	423.76	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	190.85	kPa	423.26	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	188.02	kPa	422.64	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	185.56	kPa	422.10	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	139.87	kPa	410.83	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	137.42	kPa	410.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	135.53	kPa	409.62	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	132.46	kPa	408.75	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	129.50	kPa	407.89	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	126.61	kPa	407.03	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	124.10	kPa	406.27	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	121.60	kPa	405.51	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	119.25	kPa	404.79	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	117.10	kPa	404.10	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	116.17	kPa	403.81	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	114.65	kPa	403.32	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	113.09	kPa	402.81	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	110.71	kPa	402.03	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	108.30	kPa	401.23	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	106.23	kPa	400.53	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	103.61	kPa	399.61	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)



pvap	101.32	kPa	398.83	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	100.68	kPa	398.59	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	99.59	kPa	398.19	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	98.73	kPa	397.90	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	163.00 ± 0.50	kPa	388.02	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
pvap	93.64	kPa	396.04	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	91.38	kPa	395.14	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	89.39	kPa	394.37	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	87.09	kPa	393.47	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	84.94	kPa	392.60	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	82.51	kPa	391.60	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	80.05	kPa	390.56	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)

pvap	77.94	kPa	389.65	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	75.43	kPa	388.55	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	73.02	kPa	387.45	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	70.52	kPa	386.29	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
pvap	60.00	kPa	380.87	Vapor Liquid Equilibria Measurements for the Five Linear C6 Esters with n-Octane
rfi	1.39510		298.15	Isobaric vapor-liquid equilibrium data of the binary systems of octane with p, o, m-xylene at 20 kPa

rfi	1.38900 ± 0.00020	298.15	A Study on Alkane + Ester + Ester Systems. Physicochemical Behavior of Binaries and Ternaries of Octane or Iso-octane with Methyl Esters (Ethanoate, Butanoate, Pentanoate)
rfi	1.39730	293.15	Isothermal and isobaric (vapour + liquid) equilibria of (alpha-pinene + n-butanol + n-octane)
rfi	1.39650	293.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
rfi	1.39470	298.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
rfi	1.39260	303.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
rfi	1.39500	298.15	Excess molar volumes of the ternary system {methylcyclohexane (1) + cyclohexane (2) + n-alkanes (3)} at T = 298.15 K
rfi	1.39470	298.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K

rfi	1.39160	303.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
rfi	1.38880	308.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
rfi	1.39500	298.15	(P, Vm, T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rfi	1.39500	298.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rfi	1.39500	298.15	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rfi	1.40400	277.80	The measurements of coexistence curves and light scattering for {xC6H5CN + (1-x)CH3(CH2)6CH3} in the critical region
rfi	1.40320	279.68	The measurements of coexistence curves and light scattering for {xC6H5CN + (1-x)CH3(CH2)6CH3} in the critical region

rfi	1.40280	280.36	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.40270	280.51	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.40210	281.66	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.40170	282.65	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.40120	283.88	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.40070	284.73	The measurements of coexistence curves and light scattering for $\{x\text{C}_6\text{H}_5\text{CN} + (1-x)\text{CH}_3(\text{CH}_2)_6\text{CH}_3\}$ in the critical region
rfi	1.39519	298.15	Extraction of toluene from aliphatic compounds using an ionic liquid as solvent: Influence of the alkane on the (liquid + liquid) equilibrium

rfi	1.39640	293.23	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39590	294.23	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39540	295.29	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39490	296.27	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39440	297.41	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39390	298.48	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region

rfi	1.39340	299.50	The liquid-liquid coexistence curves of {x dimethyl adipate + (1 - x) n-octane} and {x dimethyl adipate + (1 - x) n-nonane} in the critical region
rfi	1.39519	298.15	(Liquid + liquid) equilibrium at T = 298.15 K for ternary mixtures of alkane + aromatic compounds + imidazolium-based ionic liquids
rfi	1.39690	293.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rfi	1.39480	298.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rfi	1.39260	303.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rfi	1.39040	308.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers



rfi	1.38770	313.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rfi	1.39980	288.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rfi	1.39730	293.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rfi	1.39490	298.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rfi	1.39240	303.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rfi	1.39780	293.15	Experimental solubility for betulin and estrone in various solvents within the temperature range T = (293.2 to 328.2) K

rfi	1.38550 ± 0.00020	318.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
rfi	1.39520 ± 0.00020	298.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
rfi	1.39505	298.15	KDB
rfi	1.39780 ± 0.00010	298.15	Excess Enthalpies and Thermal Conductivity Coefficients for Binary Mixtures of Carbon Tetrachloride and Four Alkanes (C5 to C8) at a Temperature of 298.15 K
rfi	1.39230 ± 0.00400	303.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
rfi	1.39700 ± 0.00400	293.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K

rfi	1.39519 ± 0.00008	298.15	Extraction of Benzene from Aliphatic Compounds Using Commercial Ionic Liquids as Solvents: Study of the Liquid-Liquid Equilibrium at T = 298.15 K
rfi	1.39519 ± 0.00004	298.15	Liquid-Liquid Equilibria of the Ternary Systems of Alkane + Aromatic + 1-Ethylpyridinium Ethylsulfate Ionic Liquid at T = (283.15 and 298.15) K
rfi	1.39519 ± 0.00004	298.15	Separation of Benzene from Linear Alkanes (C6-C9) Using 1-Ethyl-3-Methylimidazolium Ethylsulfate at T = 298.15 K
rfi	1.39460	298.15	Ternary Liquid-Liquid(-Liquid) Equilibria of Aniline + Cyclohexylamine + Water, Aniline + Cyclohexylamine + Octane, Aniline + Water + Toluene, and Aniline + Water + Octane
rfi	1.39460	298.15	Liquid-Liquid(-Liquid) Equilibria in Ternary Systems of Water + Cyclohexylamine + Aromatic Hydrocarbon (Toluene or Propylbenzene) or Aliphatic Hydrocarbon (Heptane or Octane)

rfi	1.39460	298.15	Activity Coefficients at Infinite Dilution of Cyclohexylamine + Octane, Toluene, Ethylbenzene, or Aniline and Excess Molar Volumes in Binary Mixtures of Cyclohexylamine + Heptane, Octane, Nonane, Decane, Undecane, Aniline, or Water
rfi	1.39540	298.15	Solubilities of Bis (2,2,6,6-Tetramethyl-4-Piperidiny) Maleate in Hexane, Heptane, Octane, m-Xylene and Tetrahydrofuran from (253.15 to 310.15) K
rfi	1.39510	298.15	Density, Surface Tension, and Refractive Index of Octane + 1-Alkanol Mixtures at T ) 298.15 K.
rfi	1.39730	293.15	Limiting Activity Coefficients by Comparative Tensimetry: 1-Propanol and 1-Butanol in Heptane and in Octane
rfi	1.39750	293.15	Infinite Dilution Activity Coefficients of Hydrocarbons in Triethylene Glycol and Tetraethylene Glycol
rfi	1.39538	298.15	Liquid liquid equilibria of lactam containing binary systems

rfi	1.39460	298.15	Vapor liquid equilibria in ternary systems of associating components (water, aniline, cyclohexylamine) and hydrocarbons (octane or toluene)
rfi	1.39504	298.15	Separation of aromatic hydrocarbons from alkanes using ammonium ionic liquid C <sub>2</sub> N <sub>2</sub> F <sub>2</sub> at T = 298.15K
rfi	1.53910	298.15	(Vapor + liquid) equilibrium of binary mixtures formed by N,N-dimethyl formamide with some compounds at 95.1 kPa
rfi	1.39650	293.15	Isobaric Vapor-Liquid Equilibria of Hexane + 1-Decene and Octane + 1-Decene Mixtures
rfi	1.39730	293.15	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane
rfi	1.39550	298.15	Measurement and Prediction of Excess Properties of Binary Mixtures Methyl Decanoate + an Even-Numbered n-Alkane (C <sub>6</sub> -C <sub>16</sub> ) at 298.15 K
rfi	1.39530	298.15	Isothermal Bubble Pressure Data for the Binary System of C <sub>2</sub> F <sub>6</sub> and n-Octane

rfi	1.39780	293.15	Isothermal Bubble Pressure Data for the Binary System of C <sub>2</sub> F <sub>6</sub> and n-Octane
rfi	1.39800	298.15	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rfi	1.39600	293.15	Experimental Solubility Data for Binary Mixtures of Ethane and 2,2,4-Trimethylpentane at Pressures up to 6 MPa Using a New Variable-Volume Sapphire Cell
rfi	1.38680	318.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene
rfi	1.39040	308.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene
rfi	1.39480	298.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene

rfi 1.39290 303.15 DIELECTRIC  
AND  
REFRACTIVE  
INDEX  
MEASUREMENTS  
FOR THE  
SYSTEMS  
1-PENTANOL +  
2,5,8,11,14-PENTAOXAPENTADECANE,  
OR FOR  
2,5,8,11,14-PENTAOXAPENTADECANE  
+ OCTANE AT  
(293.15-303.15)  
K.

rfi 1.39520 298.15 DIELECTRIC  
AND  
REFRACTIVE  
INDEX  
MEASUREMENTS  
FOR THE  
SYSTEMS  
1-PENTANOL +  
2,5,8,11,14-PENTAOXAPENTADECANE,  
OR FOR  
2,5,8,11,14-PENTAOXAPENTADECANE  
+ OCTANE AT  
(293.15-303.15)  
K.

rfi 1.39760 293.15 DIELECTRIC  
AND  
REFRACTIVE  
INDEX  
MEASUREMENTS  
FOR THE  
SYSTEMS  
1-PENTANOL +  
2,5,8,11,14-PENTAOXAPENTADECANE,  
OR FOR  
2,5,8,11,14-PENTAOXAPENTADECANE  
+ OCTANE AT  
(293.15-303.15)  
K.

rfi 1.39450 303.15 DIELECTRIC  
AND  
REFRACTIVE  
INDEX  
MEASUREMENTS  
FOR THE  
SYSTEMS  
1-PENTANOL +  
OCTANE, OR +  
DIBUTYL  
ETHER OR FOR  
DIBUTYL  
ETHER +  
OCTANE AT  
DIFFERENT  
TEMPERATURES

rfi	1.39670		298.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rfi	1.39910		293.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rfi	1.39510		298.15	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
rhoI	699.70	kg/m3	10230.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa



rho1            699.80            kg/m3            61704.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1            699.80            kg/m3            61686.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1            694.60            kg/m3            54866.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1	694.60	kg/m3	54853.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	689.10	kg/m3	48032.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	689.20	kg/m3	48024.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            683.60            kg/m3            41221.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1            683.60            kg/m3            41207.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1            683.50            kg/m3            41184.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1	677.20	kg/m3	34324.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	677.10	kg/m3	34317.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	670.40	kg/m3	27402.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1                    670.30                    kg/m3                    27397.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1                    662.90                    kg/m3                    20599.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1                    662.90                    kg/m3                    20592.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1	644.60	kg/m3	6724.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	644.70	kg/m3	6723.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	712.80	kg/m3	61994.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            714.20            kg/m3            61992.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            708.10            kg/m3            55004.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            708.20            kg/m3            55000.00      A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1	703.10	kg/m3	48070.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	697.80	kg/m3	41227.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	697.90	kg/m3	41226.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa



rho1                    690.80                    kg/m3                    34314.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1                    692.10                    kg/m3                    34305.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1                    686.10                    kg/m3                    27469.00                    A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

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rho1	686.10	kg/m3	27466.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	679.40	kg/m3	20500.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	672.20	kg/m3	13680.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            664.70            kg/m3            7551.00            A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            654.30            kg/m3            100.00            A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1            732.20            kg/m3            68036.00            A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1	723.90	kg/m3	54543.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	714.60	kg/m3	41050.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	706.70	kg/m3	30654.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho1	698.10	kg/m3	20701.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	687.70	kg/m3	10096.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	676.00	kg/m3	100.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	702.44	kg/m3	293.15	Vapor-Liquid Equilibria for the Binary Mixture alpha-Pinene + Octane

rho1	698.50	kg/m3	298.15	Viscosities of Dimethyl Carbonate or Diethyl Carbonate with Alkanes at Four Temperatures. New UNIFAC-VISCO Parameters
rho1	698.70	kg/m3	298.15	Liquid-Liquid Equilibrium Data for Ternary Systems Containing Alkanes (n-Pentane, n-Hexane, n-Heptane, and n-Octane) + Alcohol (Methanol and Ethanol) + Protic Ionic Liquid (2-HEAF)
rho1	698.45	kg/m3	298.15	Measurement and Prediction of Excess Properties of Binary Mixtures Methyl Decanoate + an Even-Numbered n-Alkane (C6-C16) at 298.15 K
rho1	697.13	kg/m3	299.50	Isothermal Bubble Pressure Data for the Binary System of C2F6 and n-Octane
rho1	698.26	kg/m3	298.20	Isothermal Bubble Pressure Data for the Binary System of C2F6 and n-Octane
rho1	698.98	kg/m3	297.20	Isothermal Bubble Pressure Data for the Binary System of C2F6 and n-Octane
rho1	700.59	kg/m3	295.20	Isothermal Bubble Pressure Data for the Binary System of C2F6 and n-Octane

rho1	620.50	kg/m3	14725.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho1	667.28	kg/m3	20090.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	666.28	kg/m3	18990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	665.21	kg/m3	17990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	664.19	kg/m3	16990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	663.09	kg/m3	15980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	662.01	kg/m3	14980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	660.94	kg/m3	13970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	659.79	kg/m3	12970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	658.66	kg/m3	11960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	657.54	kg/m3	10950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	656.34	kg/m3	10090.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa



rhoI	655.15	kg/m3	8990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	653.97	kg/m3	7990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	652.73	kg/m3	6990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	651.49	kg/m3	5980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	650.23	kg/m3	4980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	648.92	kg/m3	3970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	647.63	kg/m3	2970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	646.30	kg/m3	1960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	644.91	kg/m3	950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	643.71	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	674.52	kg/m3	19980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	673.56	kg/m3	18980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	672.57	kg/m3	17980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	671.60	kg/m3	16970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	670.60	kg/m3	15960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	669.56	kg/m3	14960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	668.52	kg/m3	13960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	667.49	kg/m3	12950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	666.44	kg/m3	11940.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	665.33	kg/m3	11060.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	664.24	kg/m3	9980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	663.17	kg/m3	8980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	662.03	kg/m3	7980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	660.90	kg/m3	6970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	659.71	kg/m3	5960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	658.54	kg/m3	4960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	657.35	kg/m3	3960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	656.12	kg/m3	2950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	654.91	kg/m3	1940.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	653.65	kg/m3	1060.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	652.22	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	681.78	kg/m3	20100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	680.86	kg/m3	19010.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	679.93	kg/m3	18010.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	678.97	kg/m3	17000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	678.03	kg/m3	15990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	677.10	kg/m3	14990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	676.13	kg/m3	13980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	675.12	kg/m3	12980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	674.15	kg/m3	11970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	673.13	kg/m3	10960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	672.12	kg/m3	10100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rhoI	671.05	kg/m3	9010.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	670.02	kg/m3	8010.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	668.94	kg/m3	7000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	638.80	kg/m3	27159.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rhoI	667.86	kg/m3	5990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	666.79	kg/m3	4990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	665.65	kg/m3	3980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	664.55	kg/m3	2980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	663.39	kg/m3	1970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	662.23	kg/m3	960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	661.02	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	688.97	kg/m3	20000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa



rho1	688.10	kg/m3	18990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	687.26	kg/m3	17990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	686.34	kg/m3	16960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	685.48	kg/m3	15960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	684.58	kg/m3	14960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	683.67	kg/m3	13950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	682.71	kg/m3	12950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	681.81	kg/m3	11940.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	680.86	kg/m3	11050.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	679.89	kg/m3	10000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	678.93	kg/m3	8990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	677.93	kg/m3	7990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	676.93	kg/m3	6960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	675.95	kg/m3	5960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	674.91	kg/m3	4960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	673.87	kg/m3	3950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	672.81	kg/m3	2950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	671.75	kg/m3	1940.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	670.67	kg/m3	1050.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	669.13	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	696.18	kg/m3	20090.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	695.33	kg/m3	19000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	694.53	kg/m3	17990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	693.68	kg/m3	16990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	692.86	kg/m3	15980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	691.98	kg/m3	14980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	691.16	kg/m3	13980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	690.29	kg/m3	12970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	689.40	kg/m3	11960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	688.51	kg/m3	10950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	687.59	kg/m3	10090.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	686.69	kg/m3	9000.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	685.78	kg/m3	7990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	684.86	kg/m3	6990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	683.91	kg/m3	5980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	682.97	kg/m3	4980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	681.99	kg/m3	3980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	681.01	kg/m3	2970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	680.02	kg/m3	1960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	678.99	kg/m3	950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	677.56	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	703.31	kg/m3	19990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	702.53	kg/m3	18980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	701.77	kg/m3	17980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	700.99	kg/m3	16970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	700.18	kg/m3	15970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	699.37	kg/m3	14960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	698.56	kg/m3	13960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	697.75	kg/m3	12950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa

rho1	696.94	kg/m3	11950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	696.11	kg/m3	11030.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	695.26	kg/m3	9990.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	694.38	kg/m3	8980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	693.54	kg/m3	7980.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	692.65	kg/m3	6970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rho1	691.78	kg/m3	5970.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa



rhoI	690.87	kg/m3	4960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	690.00	kg/m3	3960.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	689.08	kg/m3	2950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	688.13	kg/m3	1950.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	687.19	kg/m3	1030.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	686.05	kg/m3	100.00	P-rho-T Data and Modeling for Propan-1-ol + n-Octane or n-Nonane or n-Decane from 313.15 K to 363.15 K and 1 MPa to 20 MPa
rhoI	698.71	kg/m3	298.15	Liquid-Liquid Equilibria for 2-Phenylethan-1-ol + Alkane Systems

rho1	685.34	kg/m3	30004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	683.56	kg/m3	28008.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	680.81	kg/m3	25005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	677.96	kg/m3	22003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	674.99	kg/m3	19000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	672.05	kg/m3	16004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	668.83	kg/m3	13003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	665.45	kg/m3	10006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	663.11	kg/m3	8001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

rho1	660.50	kg/m3	6000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	657.99	kg/m3	3999.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	655.38	kg/m3	2008.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	698.61	kg/m3	30012.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	696.99	kg/m3	28003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	694.49	kg/m3	25006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	655.50	kg/m3	40831.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa

rho	668.80	kg/m <sup>3</sup>	54591.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho	676.40	kg/m <sup>3</sup>	68420.00	A Vibrating Edge Supported Plate, Fabricated by the Methods of Micro Electro Mechanical System for the Simultaneous Measurement of Density and Viscosity: Results for Methylbenzene and Octane at Temperatures between (323 and 423) K and Pressures in the Range (0.1 to 68) MPa
rho	698.64	kg/m <sup>3</sup>	298.15	Thermodynamics of Mixtures Containing a Strongly Polar Compound. 8. Liquid-Liquid Equilibria for N,N-Dialkylamide + Selected N-Alkanes
rho	710.76	kg/m <sup>3</sup>	283.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rho	706.76	kg/m <sup>3</sup>	288.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}

rhoI	702.74	kg/m3	293.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	698.71	kg/m3	298.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	694.66	kg/m3	303.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	690.58	kg/m3	308.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	686.49	kg/m3	313.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	682.37	kg/m3	318.15	Measurements of Density and Heat Capacity for Binary Mixtures {x Benzonitrile + (1 -x) (Octane or Nonane)}
rhoI	708.00	kg/m3	293.15	Isobaric Vapor-Liquid Equilibria of Hexane + 1-Decene and Octane + 1-Decene Mixtures
rhoI	702.50	kg/m3	293.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures

rhoI	698.50	kg/m3	298.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
rhoI	694.50	kg/m3	303.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
rhoI	686.30	kg/m3	313.15	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures
rhoI	698.64	kg/m3	298.15	Thermodynamics of mixtures containing amines VI. Liquid liquid equilibria for mixtures of o-toluidine + selected alkanes
rhoI	698.60	kg/m3	298.15	(Vapor + liquid) equilibrium of binary mixtures formed by N,N-dimethyl formamide with some compounds at 95.1 kPa
rhoI	698.49	kg/m3	298.15	Vapor liquid equilibria in ternary systems of associating components (water, aniline, cyclohexylamine) and hydrocarbons (octane or toluene)
rhoI	698.64	kg/m3	298.15	Liquid liquid equilibria of lactam containing binary systems

rho1	698.52 ± 0.02	kg/m3	298.15	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
rho1	704.17 ± 0.02	kg/m3	291.15	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
rho1	690.31 ± 0.02	kg/m3	308.15	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
rho1	682.06 ± 0.02	kg/m3	318.15	Solutions of alkyl methanoates and alkanes: Simultaneous modeling of phase equilibria and mixing properties. Estimation of behavior by UNIFAC with recalculation of parameters
rho1	698.86 ± 1.00	kg/m3	298.15	Application of the ionic liquid tributylmethylammonium bis(trifluoromethylsulfonyl)imide as solvent for the extraction of benzene from octane and decane at T = 298.15 K and atmospheric pressure

rhoI	702.87	kg/m3	293.15	Excess Molar Enthalpies for Binary Mixtures of Ethanol + Acetone, + Octane, + Cyclohexane and 1-Propanol + Acetone, + Octane, + Heptane at 323.15
rhoI	702.60	kg/m3	293.15	Infinite Dilution Activity Coefficients of Hydrocarbons in Triethylene Glycol and Tetraethylene Glycol
rhoI	698.72	kg/m3	298.15	Excess Enthalpies of the Ternary Mixtures: Diisopropyl Ether + 3-Methylpentane + (Octane or Decane) at 298.15 K
rhoI	702.50	kg/m3	293.15	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa
rhoI	698.50	kg/m3	298.15	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa



rho	694.50	kg/m <sup>3</sup>	303.15	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa
rho	686.30	kg/m <sup>3</sup>	313.15	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa
rho	682.10	kg/m <sup>3</sup>	318.15	Densities and Excess Molar Properties of Dimethyl Carbonate with Alkanes (C6 to C10) and VLE of Dimethyl Carbonate with Alkanes (C9 to C10) at 101.3 kPa
rho	698.72	kg/m <sup>3</sup>	298.15	Excess Enthalpies of Binary Mixtures of 1-Hexene with Some n-Alkanes at 298.15 K
rho	702.76	kg/m <sup>3</sup>	293.15	Limiting Activity Coefficients by Comparative Tensimetry: 1-Propanol and 1-Butanol in Heptane and in Octane

rho1	702.54	kg/m3	293.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
rho1	694.35	kg/m3	303.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
rho1	686.12	kg/m3	313.15	A Study on Properties Derived from Densities and Viscosities for the Ternary Systems (Methyl Pentanoate or Methyl Heptanoate) + n-Octane + 1-Hexanol and their Binary Subsystems at Various Temperatures.
rho1	698.50	kg/m3	298.15	Density, Surface Tension, and Refractive Index of Octane + 1-Alkanol Mixtures at T ) 298.15 K.
rho1	698.50	kg/m3	298.15	Solubilities of Bis (2,2,6,6-Tetramethyl-4-Piperidiny1) Maleate in Hexane, Heptane, Octane, m-Xylene and Tetrahydrofuran from (253.15 to 310.15) K

rho1	702.57	kg/m3	293.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
rho1	698.54	kg/m3	298.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
rho1	694.49	kg/m3	303.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
rho1	703.88	kg/m3	293.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure

rho	699.83	kg/m <sup>3</sup>	298.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rho	695.79	kg/m <sup>3</sup>	303.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rho	687.59	kg/m <sup>3</sup>	313.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rho	679.34	kg/m <sup>3</sup>	323.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rho	670.98	kg/m <sup>3</sup>	333.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure

rhoI	662.59	kg/m3	343.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rhoI	654.05	kg/m3	353.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rhoI	645.68	kg/m3	363.15	Densities and Viscosities of Binary Mixtures of Ethylbenzene + N-Methyl-2-pyrrolidone, Ethylbenzene + Sulfolane, and Styrene + Octane from (303.15 to 353.15) K and Atmospheric Pressure
rhoI	699.90 ± 0.05	kg/m3	298.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rhoI	695.72 ± 0.05	kg/m3	303.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures

rho1	687.50 ± 0.05	kg/m3	313.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rho1	679.37 ± 0.05	kg/m3	323.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rho1	671.02 ± 0.05	kg/m3	333.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rho1	662.54 ± 0.05	kg/m3	343.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rho1	653.80 ± 0.05	kg/m3	353.15	Thermodynamic Properties of Binary Mixtures of p-Xylene with Cyclohexane, Heptane, Octane, and N-Methyl-2-pyrrolidone at Several Temperatures
rho1	698.55	kg/m3	298.15	Thermodynamics of Mixtures Containing Ethers. Part III. Liquid-Liquid Equilibria for 2,5,8,11-Tetraoxadodecane or 2,5,8,11,14-Pentaoxapentadecane + Selected N-Alkanes

rho1	694.67	kg/m3	303.15	Activity Coefficients at Infinite Dilution of Cyclohexylamine + Octane, Toluene, Ethylbenzene, or Aniline and Excess Molar Volumes in Binary Mixtures of Cyclohexylamine + Heptane, Octane, Nonane, Decane, Undecane, Aniline, or Water
rho1	698.49	kg/m3	298.15	Activity Coefficients at Infinite Dilution of Cyclohexylamine + Octane, Toluene, Ethylbenzene, or Aniline and Excess Molar Volumes in Binary Mixtures of Cyclohexylamine + Heptane, Octane, Nonane, Decane, Undecane, Aniline, or Water
rho1	698.49	kg/m3	298.15	Liquid-Liquid(-Liquid) Equilibria in Ternary Systems of Water + Cyclohexylamine + Aromatic Hydrocarbon (Toluene or Propylbenzene) or Aliphatic Hydrocarbon (Heptane or Octane)
rho1	698.49	kg/m3	298.15	Ternary Liquid-Liquid(-Liquid) Equilibria of Aniline + Cyclohexylamine + Water, Aniline + Cyclohexylamine + Octane, Aniline + Water + Toluene, and Aniline + Water + Octane

rho	698.60 ± 0.20	kg/m <sup>3</sup>	298.15	Thermophysical Properties of Binary Mixtures of 2-Methyl-1-propanol with Hexane, Octane, and Decane at 298.15 K
rho	698.60 ± 0.03	kg/m <sup>3</sup>	298.15	Separation of Benzene from Linear Alkanes (C <sub>6</sub> -C <sub>9</sub> ) Using 1-Ethyl-3-Methylimidazolium Ethylsulfate at T = 298.15 K
rho	698.60 ± 0.03	kg/m <sup>3</sup>	298.15	Liquid-Liquid Equilibria of the Ternary Systems of Alkane + Aromatic + 1-Ethylpyridinium Ethylsulfate Ionic Liquid at T = (283.15 and 298.15) K
rho	698.49	kg/m <sup>3</sup>	298.15	Liquid-Liquid(-Liquid) Equilibria in Ternary Systems of Aliphatic Hydrocarbons (Heptane or Octane) + Phenols + Water
rho	694.52	kg/m <sup>3</sup>	303.15	Vapor-Liquid Equilibria in Ternary Systems of Toluene or Octane + Phenols + Water
rho	698.57	kg/m <sup>3</sup>	298.20	Apparent and Partial Molar Volumes at Infinite Dilution and Solid Liquid Equilibria of Dibenzothiophene + Alkane Systems
rho	686.37	kg/m <sup>3</sup>	313.20	Apparent and Partial Molar Volumes at Infinite Dilution and Solid Liquid Equilibria of Dibenzothiophene + Alkane Systems



rho	698.60	kg/m <sup>3</sup>	298.15	Extraction of Benzene from Aliphatic Compounds Using Commercial Ionic Liquids as Solvents: Study of the Liquid-Liquid Equilibrium at T = 298.15 K
rho	702.76 ± 0.05	kg/m <sup>3</sup>	293.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
rho	698.73 ± 0.05	kg/m <sup>3</sup>	298.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
rho	694.69 ± 0.05	kg/m <sup>3</sup>	303.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
rho	686.52 ± 0.05	kg/m <sup>3</sup>	313.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K
rho	718.58 ± 0.03	kg/m <sup>3</sup>	273.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K

rho1	714.61 ± 0.03	kg/m3	278.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	710.62 ± 0.03	kg/m3	283.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	706.62 ± 0.03	kg/m3	288.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	702.61 ± 0.03	kg/m3	293.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	698.57 ± 0.03	kg/m3	298.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	694.52 ± 0.03	kg/m3	303.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	690.44 ± 0.03	kg/m3	308.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	686.35 ± 0.03	kg/m3	313.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	682.23 ± 0.03	kg/m3	318.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K

rho1	678.09 ± 0.03	kg/m3	323.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	673.92 ± 0.03	kg/m3	328.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	669.71 ± 0.03	kg/m3	333.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	665.51 ± 0.03	kg/m3	338.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	661.24 ± 0.03	kg/m3	343.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	656.96 ± 0.03	kg/m3	348.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	652.63 ± 0.03	kg/m3	353.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	648.26 ± 0.03	kg/m3	358.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K

rho1	643.85 ± 0.03	kg/m3	363.15	Densities and Viscosities of MTBE + Heptane or Octane at p ) 0.1 MPa from (273.15 to 363.15) K
rho1	706.60 ± 0.10	kg/m3	298.15	Excess Enthalpies and Thermal Conductivity Coefficients for Binary Mixtures of Carbon Tetrachloride and Four Alkanes (C5 to C8) at a Temperature of 298.15 K
rho1	715.20 ± 1.43	kg/m3	20900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	728.30 ± 1.46	kg/m3	40600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	740.00 ± 1.48	kg/m3	60900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	749.80 ± 1.50	kg/m3	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	759.10 ± 1.52	kg/m3	100300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	767.30 ± 1.53	kg/m3	120100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	774.90 ± 1.55	kg/m3	139900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	782.00 ± 1.56	kg/m3	159500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	788.70 ± 1.58	kg/m3	179600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	794.20 ± 1.59	kg/m3	197200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	774.80 ± 1.55	kg/m3	139700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	749.60 ± 1.50	kg/m3	80000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	698.60 ± 1.40	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	678.20 ± 1.36	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	697.00 ± 1.39	kg/m3	20100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	712.00 ± 1.42	kg/m3	40000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	725.00 ± 1.45	kg/m3	60600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	735.80 ± 1.47	kg/m3	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	746.10 ± 1.49	kg/m3	101000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	754.70 ± 1.51	kg/m3	120300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	763.40 ± 1.53	kg/m3	141500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	770.50 ± 1.54	kg/m3	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	777.70 ± 1.56	kg/m3	180700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	784.80 ± 1.57	kg/m3	201800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	763.20 ± 1.53	kg/m3	141600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	735.60 ± 1.47	kg/m3	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	678.20 ± 1.36	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	657.20 ± 1.31	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	679.60 ± 1.36	kg/m3	20400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	696.70 ± 1.39	kg/m3	40800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	710.60 ± 1.42	kg/m3	60700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	722.40 ± 1.44	kg/m3	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	733.40 ± 1.47	kg/m3	101000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K



rho1	742.70 ± 1.49	kg/m3	120400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	751.30 ± 1.50	kg/m3	140300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	759.50 ± 1.52	kg/m3	160700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	767.00 ± 1.53	kg/m3	180800.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	774.30 ± 1.55	kg/m3	201900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	751.20 ± 1.50	kg/m3	140200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	722.40 ± 1.44	kg/m3	80100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	657.20 ± 1.31	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	635.30 ± 1.27	kg/m3	100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	662.00 ± 1.32	kg/m3	20600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	680.40 ± 1.36	kg/m3	39900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	696.00 ± 1.39	kg/m3	60000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	709.30 ± 1.42	kg/m3	80200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	721.30 ± 1.44	kg/m3	101100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	730.90 ± 1.46	kg/m3	120000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	740.60 ± 1.48	kg/m3	140900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	748.80 ± 1.50	kg/m3	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	756.70 ± 1.51	kg/m3	180500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	764.20 ± 1.53	kg/m3	200900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	644.40 ± 1.29	kg/m3	21600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	665.90 ± 1.33	kg/m3	42000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	695.80 ± 1.39	kg/m3	80900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	719.00 ± 1.44	kg/m3	120900.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	737.20 ± 1.47	kg/m3	160200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	750.00 ± 1.50	kg/m3	192300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	736.90 ± 1.47	kg/m3	159500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	694.80 ± 1.39	kg/m3	79400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	644.60 ± 1.29	kg/m3	21600.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	626.80 ± 1.25	kg/m3	21400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	650.30 ± 1.30	kg/m3	41100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	683.50 ± 1.37	kg/m3	80700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	708.60 ± 1.42	kg/m3	121500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	728.20 ± 1.46	kg/m3	161300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	741.10 ± 1.48	kg/m3	192500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	727.50 ± 1.46	kg/m3	159700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	683.30 ± 1.37	kg/m3	80400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	626.90 ± 1.25	kg/m3	21400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	607.90 ± 1.22	kg/m3	21000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	635.10 ± 1.27	kg/m3	41200.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	671.50 ± 1.34	kg/m3	81400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	697.40 ± 1.39	kg/m3	121500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	717.50 ± 1.44	kg/m3	160300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	732.00 ± 1.46	kg/m3	193000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	717.10 ± 1.43	kg/m3	159400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	671.00 ± 1.34	kg/m3	80500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	608.00 ± 1.22	kg/m3	21000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	586.40 ± 1.17	kg/m3	19300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	620.00 ± 1.24	kg/m3	41100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	659.60 ± 1.32	kg/m3	81500.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K

rho1	686.70 ± 1.37	kg/m3	121100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	708.30 ± 1.42	kg/m3	161300.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	723.00 ± 1.45	kg/m3	193400.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	708.00 ± 1.42	kg/m3	160700.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	659.30 ± 1.32	kg/m3	81100.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	587.70 ± 1.18	kg/m3	20000.00	Viscosity and Density of Five Hydrocarbon Liquids at Pressures up to 200 MPa and Temperatures up to 473 K
rho1	706.58	kg/m3	288.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)



rho1	702.57	kg/m3	293.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
rho1	698.55	kg/m3	298.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
rho1	694.48	kg/m3	303.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
rho1	690.42	kg/m3	308.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
rho1	706.58 ± 0.00	kg/m3	288.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
rho1	702.57 ± 0.00	kg/m3	293.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
rho1	698.55 ± 0.00	kg/m3	298.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane

rho1	694.48 ± 0.00	kg/m3	303.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
rho1	691.91	kg/m3	22003.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	689.24	kg/m3	19006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	686.47	kg/m3	16002.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	683.60	kg/m3	13004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	680.80	kg/m3	10007.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	678.82	kg/m3	8014.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	676.69	kg/m3	5998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

rho1	674.49	kg/m3	3993.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	672.19	kg/m3	2005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	712.15	kg/m3	30001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	710.67	kg/m3	27998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	708.39	kg/m3	25000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	706.05	kg/m3	21998.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	703.50	kg/m3	19006.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	700.84	kg/m3	16009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	698.26	kg/m3	13005.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

rho1	695.59	kg/m3	10009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	693.85	kg/m3	7997.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	692.07	kg/m3	5999.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	690.26	kg/m3	4000.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	688.27	kg/m3	2007.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	725.54	kg/m3	30002.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	724.19	kg/m3	28004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	721.88	kg/m3	25004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures

rho1	719.76	kg/m3	22012.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	717.57	kg/m3	19011.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	690.42 ± 0.00	kg/m3	308.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
rho1	701.60 ± 0.50	kg/m3	298.15	Viscosity and Density of Binary Mixtures of Ethyl Alcohol with n-Alkanes (C6, C8, and C10)
rho1	705.60 ± 0.50	kg/m3	293.15	Viscosity and Density of Binary Mixtures of Ethyl Alcohol with n-Alkanes (C6, C8, and C10)
rho1	693.90 ± 0.20	kg/m3	303.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K

rho1	690.40 ± 0.20	kg/m3	308.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
rho1	687.00 ± 0.20	kg/m3	313.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
rho1	698.64	kg/m3	298.15	Thermodynamics of Mixtures Containing a Strongly Polar Compound. 9. Liquid-Liquid Equilibria for epsilon-Caprolactam + Selected Alkanes
rho1	703.00	kg/m3	293.00	KDB
rho1	702.55 ± 0.03	kg/m3	293.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K

rho1	698.53 ± 0.03	kg/m3	298.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
rho1	694.49 ± 0.03	kg/m3	303.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
rho1	690.44 ± 0.03	kg/m3	308.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
rho1	686.36 ± 0.03	kg/m3	313.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K

rho	682.26 ± 0.03	kg/m <sup>3</sup>	318.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
rho	678.13 ± 0.03	kg/m <sup>3</sup>	323.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
rho	704.13	kg/m <sup>3</sup>	291.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
rho	698.60	kg/m <sup>3</sup>	298.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
rho	682.16	kg/m <sup>3</sup>	318.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)



rho	674.15	kg/m <sup>3</sup>	328.15	Measurements of the Excess Properties and Vapor-Liquid Equilibria at 101.32 kPa for Mixtures of Ethyl Ethanoate + Alkanes (from C5 to C10)
rho	698.76 ± 0.05	kg/m <sup>3</sup>	298.15	Thermodynamics of Mixtures Containing Aromatic Alcohols. 1. Liquid Liquid Equilibria for (Phenylmethanol + Alkane) Systems
rho	674.10 ± 0.02	kg/m <sup>3</sup>	328.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
rho	682.20 ± 0.02	kg/m <sup>3</sup>	318.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
rho	698.60 ± 0.02	kg/m <sup>3</sup>	298.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties

rho <sub>l</sub>	704.10 ± 0.02	kg/m <sup>3</sup>	291.15	Multiproperty Correlation of Experimental Data of the Binaries Propyl Ethanoate + Alkanes (Pentane to Decane). New Experimental Information for Vapor Liquid Equilibrium and Mixing Properties
rho <sub>l</sub>	702.86 ± 0.05	kg/m <sup>3</sup>	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
rho <sub>l</sub>	698.85 ± 0.05	kg/m <sup>3</sup>	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
rho <sub>l</sub>	694.80 ± 0.05	kg/m <sup>3</sup>	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
rho <sub>l</sub>	690.73 ± 0.05	kg/m <sup>3</sup>	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K
rho <sub>l</sub>	686.63 ± 0.05	kg/m <sup>3</sup>	100.00	Excess Molar Volumes and Viscosities of Binary Systems of Butylcyclohexane with n-Alkanes (C7 to C14) at T = 293.15 K to 313.15 K

rho1	698.61 ± 0.05	kg/m3	298.15	Isobaric vapor-liquid equilibrium data of the binary systems of octane with p, o, m-xylene at 20 kPa
rho1	702.64	kg/m3	293.15	Liquid liquid equilibria for the ternary system water + octane + 2-butyloxy-ethanol
rho1	686.39	kg/m3	313.15	Liquid liquid equilibria for the ternary system water + octane + 2-butyloxy-ethanol
rho1	690.40 ± 0.01	kg/m3	295.00	High-pressure vapor-liquid equilibria of the second generation biofuel blends (2-methylfuran + iso-octane) and (2-methyltetrahydrofuran + di-n-butyl ether): Experiments and PCP-SAFT modeling
rho1	687.75	kg/m3	100.00	A Study on Alkane + Ester + Ester Systems. Physicochemical Behavior of Binaries and Ternaries of Octane or Iso-octane with Methyl Esters (Ethanoate, Butanoate, Pentanoate)
rho1	718.25 ± 0.03	kg/m3	273.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa

rho <sub>l</sub>	714.31 ± 0.03	kg/m <sup>3</sup>	278.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	710.34 ± 0.03	kg/m <sup>3</sup>	283.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	706.35 ± 0.03	kg/m <sup>3</sup>	288.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	702.35 ± 0.03	kg/m <sup>3</sup>	293.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	698.34 ± 0.03	kg/m <sup>3</sup>	298.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	694.30 ± 0.03	kg/m <sup>3</sup>	303.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa

rho	690.24 ± 0.03	kg/m <sup>3</sup>	308.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho	686.17 ± 0.03	kg/m <sup>3</sup>	313.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho	682.06 ± 0.03	kg/m <sup>3</sup>	318.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho	677.94 ± 0.03	kg/m <sup>3</sup>	323.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho	673.79 ± 0.03	kg/m <sup>3</sup>	328.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho	669.61 ± 0.03	kg/m <sup>3</sup>	333.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa

rho <sub>l</sub>	665.40 ± 0.03	kg/m <sup>3</sup>	338.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	661.16 ± 0.03	kg/m <sup>3</sup>	343.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	656.88 ± 0.03	kg/m <sup>3</sup>	348.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	652.57 ± 0.03	kg/m <sup>3</sup>	353.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	648.23 ± 0.03	kg/m <sup>3</sup>	358.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa
rho <sub>l</sub>	643.83 ± 0.03	kg/m <sup>3</sup>	363.15	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa

rho1	698.68 ± 0.05	kg/m3	298.20	Isobaric Vapor Liquid Equilibrium of Binary Systems of Hexane or Octane with 1,2-Dimethylbenzene or 1,3-Dimethylbenzene at 101.3 kPa
rho1	702.54 ± 0.03	kg/m3	293.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho1	698.49 ± 0.03	kg/m3	298.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho1	694.44 ± 0.03	kg/m3	303.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho1	690.37 ± 0.03	kg/m3	308.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure

rho	686.29 ± 0.03	kg/m <sup>3</sup>	313.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho	682.19 ± 0.03	kg/m <sup>3</sup>	318.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho	678.08 ± 0.03	kg/m <sup>3</sup>	323.15	Volumetric and Transport Properties of Binary Mixtures of n-Octane + Ethanol, + 1-Propanol, + 1-Butanol, and + 1-Pentanol from (293.15 to 323.15) K at Atmospheric Pressure
rho	719.00	kg/m <sup>3</sup>	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho	726.00	kg/m <sup>3</sup>	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa



rho1	733.00	kg/m3	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	739.00	kg/m3	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	703.00	kg/m3	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	711.00	kg/m3	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	718.00	kg/m3	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	725.00	kg/m3	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	687.00	kg/m3	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa

rho1	696.00	kg/m3	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	704.00	kg/m3	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	712.00	kg/m3	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	670.00	kg/m3	100.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	681.00	kg/m3	10000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	690.00	kg/m3	20000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa
rho1	698.00	kg/m3	30000.00	Measurements of the Liquid Viscosities of Mixtures of n-Butane, n-Hexane, and n-Octane with Squalane to 30MPa

rho1	702.50	kg/m3	293.15	Densities and Kinematic Viscosities of One Quinary Regular Liquid System and Its Five Quaternary Sub-Systems at Temperatures (293.15 and 298.15) K
rho1	698.50	kg/m3	298.15	Densities and Kinematic Viscosities of One Quinary Regular Liquid System and Its Five Quaternary Sub-Systems at Temperatures (293.15 and 298.15) K
rho1	702.50	kg/m3	293.15	Densities and Kinematic Viscosities of a Quinary Regular Liquid System and Its Five Quaternary Subsystems at 293.15A K and 298.15A K
rho1	698.50	kg/m3	298.15	Densities and Kinematic Viscosities of a Quinary Regular Liquid System and Its Five Quaternary Subsystems at 293.15A K and 298.15A K
rho1	698.51	kg/m3	298.10	Excess enthalpies of binary mixtures of 2-ethoxyethanol with four hydrocarbons at 298.15, 308.15, and 318.15K An experimental and theoretical study
rho1	698.86	kg/m3	298.15	Study of the suitability of two ammonium-based ionic liquids for the extraction of benzene from its mixtures with aliphatic hydrocarbons.

rho1	690.72	kg/m3	308.15	Study of the suitability of two ammonium-based ionic liquids for the extraction of benzene from its mixtures with aliphatic hydrocarbons.
rho1	682.50	kg/m3	318.15	Study of the suitability of two ammonium-based ionic liquids for the extraction of benzene from its mixtures with aliphatic hydrocarbons.
rho1	702.60	kg/m3	293.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
rho1	698.50	kg/m3	298.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
rho1	694.50	kg/m3	303.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
rho1	702.44	kg/m3	293.15	Isothermal and isobaric (vapour + liquid) equilibria of (alpha-pinene + n-butanol + n-octane)
rho1	702.61	kg/m3	293.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
rho1	698.57	kg/m3	298.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K

rhoI	694.56	kg/m <sup>3</sup>	303.15	Physical properties of {anisole + n-alkanes} at temperatures between (293.15 and 303.15) K
rhoI	698.59	kg/m <sup>3</sup>	298.15	Excess molar volumes of the ternary system {methylcyclohexane (1) + cyclohexane (2) + n-alkanes (3)} at T = 298.15 K
rhoI	698.60	kg/m <sup>3</sup>	298.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
rhoI	694.60	kg/m <sup>3</sup>	303.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
rhoI	690.50	kg/m <sup>3</sup>	308.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
rhoI	698.73	kg/m <sup>3</sup>	298.15	Excess molar enthalpies of the ternary mixtures: (tetrahydrofuran or 2-methyltetrahydrofuran + methyl tert-butyl ether + n-octane) at the temperature 298.15 K
rhoI	698.64	kg/m <sup>3</sup>	100.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	700.14	kg/m3	2130.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	701.87	kg/m3	4150.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	703.56	kg/m3	6180.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	705.17	kg/m3	8210.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	706.78	kg/m3	10230.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	707.58	kg/m3	11250.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	708.37	kg/m3	12260.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	709.90	kg/m3	14290.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	711.41	kg/m3	16310.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	712.90	kg/m3	18340.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	714.36	kg/m3	20370.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	715.78	kg/m3	22390.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	717.18	kg/m3	24420.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	718.56	kg/m3	26450.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	719.90	kg/m3	28470.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	720.57	kg/m3	29490.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	721.22	kg/m3	30500.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	722.53	kg/m3	32530.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	723.82	kg/m3	34550.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	725.06	kg/m3	36580.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	726.32	kg/m3	38600.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa



rho1	726.94	kg/m3	39620.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	690.43	kg/m3	100.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	692.18	kg/m3	2130.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	694.00	kg/m3	4150.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	695.79	kg/m3	6180.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	697.53	kg/m3	8210.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	699.24	kg/m3	10230.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	700.07	kg/m3	11250.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	700.88	kg/m3	12260.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	702.55	kg/m3	14290.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	704.13	kg/m3	16310.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	705.71	kg/m3	18340.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	707.23	kg/m3	20370.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	708.76	kg/m3	22390.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	710.22	kg/m3	24420.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	711.66	kg/m3	26450.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	713.09	kg/m3	28470.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	713.77	kg/m3	29490.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	714.47	kg/m3	30500.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	715.84	kg/m3	32530.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	717.18	kg/m3	34550.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	718.50	kg/m3	36580.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	719.82	kg/m3	38600.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	720.45	kg/m3	39620.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	682.47	kg/m3	100.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	684.48	kg/m3	2130.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	686.45	kg/m3	4150.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	688.29	kg/m3	6180.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	690.17	kg/m3	8210.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	691.97	kg/m3	10230.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	692.85	kg/m3	11250.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	693.77	kg/m3	12260.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	695.49	kg/m3	14290.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	697.20	kg/m3	16310.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	698.86	kg/m3	18340.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	700.47	kg/m3	20370.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	702.07	kg/m3	22390.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	703.61	kg/m3	24420.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	705.13	kg/m3	26450.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	706.66	kg/m3	28470.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	707.38	kg/m3	29490.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	708.13	kg/m3	30500.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	709.54	kg/m3	32530.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	710.96	kg/m3	34550.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	712.33	kg/m3	36580.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	713.68	kg/m3	38600.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	714.38	kg/m3	39620.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	674.53	kg/m3	100.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	676.49	kg/m3	2130.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	678.56	kg/m3	4150.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	680.59	kg/m3	6180.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	682.57	kg/m3	8210.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	684.51	kg/m3	10230.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	685.44	kg/m3	11250.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	686.38	kg/m3	12260.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	688.23	kg/m3	14290.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa



rho1	690.03	kg/m3	16310.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	691.76	kg/m3	18340.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	693.50	kg/m3	20370.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	695.17	kg/m3	22390.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	696.82	kg/m3	24420.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	698.41	kg/m3	26450.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	699.98	kg/m3	28470.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	700.75	kg/m3	29490.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	701.53	kg/m3	30500.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	703.01	kg/m3	32530.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	704.50	kg/m3	34550.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	705.96	kg/m3	36580.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	707.36	kg/m3	38600.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa
rho1	708.06	kg/m3	39620.00	(P,Vm,T) Measurements of (octane + 1-chlorohexane) at temperatures from 298.15 K to 328.15 K and at pressures up to 40 MPa

rho1	698.59	kg/m3	298.15	Excess molar volumes and dynamic viscosities for binary mixtures of toluene + n-alkanes (C5 C10) at T = 298.15 K Comparison with Prigogine Flory Patterson theory
rho1	695.24	kg/m3	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	691.60	kg/m3	4680.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	697.40	kg/m3	10642.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	683.55	kg/m3	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	672.69	kg/m3	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	663.24	kg/m3	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures

rho1	648.10	kg/m3	100.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	648.80	kg/m3	5873.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	656.20	kg/m3	11461.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	589.60	kg/m3	6430.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	599.50	kg/m3	11084.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	505.40	kg/m3	5712.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures
rho1	525.20	kg/m3	9791.00	(p,rho,T,x) and viscosity measurements of {x1 n-heptane + (1 - x1) n-octane} mixtures at high temperatures and high pressures

rho1	698.58	kg/m3	298.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
rho1	694.50	kg/m3	303.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
rho1	690.42	kg/m3	308.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
rho1	698.60	kg/m3	298.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	698.61	kg/m3	298.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K

rho1	698.63	kg/m3	298.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	698.62	kg/m3	298.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	690.44	kg/m3	308.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	690.43	kg/m3	308.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	690.45	kg/m3	308.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	682.47	kg/m3	318.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K

rho1	682.49	kg/m3	318.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	674.54	kg/m3	328.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	674.55	kg/m3	328.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	674.56	kg/m3	328.15	Excess molar volumes of (octane + benzene, or toluene, or 1,3-xylene, or 1,3,5-trimethylbenzene) at temperatures between (298.15 and 328.15) K
rho1	698.70	kg/m3	100.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	690.80	kg/m3	100.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	682.80	kg/m3	100.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	674.50	kg/m3	100.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	700.40	kg/m3	2130.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	692.60	kg/m3	2130.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	684.70	kg/m3	2130.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	676.60	kg/m3	2130.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	702.20	kg/m3	4150.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa



rho1	694.40	kg/m3	4150.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	686.70	kg/m3	4150.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	678.70	kg/m3	4150.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	703.80	kg/m3	6180.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	696.20	kg/m3	6180.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	688.60	kg/m3	6180.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	680.70	kg/m3	6180.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	705.40	kg/m3	8210.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	698.00	kg/m3	8210.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	690.40	kg/m3	8210.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	682.60	kg/m3	8210.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	707.00	kg/m3	10230.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	715.43	kg/m3	16009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	692.20	kg/m3	10230.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	684.60	kg/m3	10230.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	707.80	kg/m3	11250.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	700.50	kg/m3	11250.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	693.10	kg/m3	11250.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	685.50	kg/m3	11250.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	708.60	kg/m3	12260.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	701.30	kg/m3	12260.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	694.00	kg/m3	12260.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	686.40	kg/m3	12260.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	710.10	kg/m3	14290.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	703.00	kg/m3	14290.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	695.70	kg/m3	14290.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	688.30	kg/m3	14290.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	711.70	kg/m3	16310.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	704.50	kg/m3	16310.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	697.40	kg/m3	16310.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	690.10	kg/m3	16310.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	713.10	kg/m3	18340.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	706.10	kg/m3	18340.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	699.10	kg/m3	18340.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	691.80	kg/m3	18340.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	714.60	kg/m3	20370.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	707.60	kg/m3	20370.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	700.70	kg/m3	20370.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	693.60	kg/m3	20370.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	715.90	kg/m3	22390.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	709.10	kg/m3	22390.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	702.30	kg/m3	22390.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	695.20	kg/m3	22390.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	717.40	kg/m3	24420.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	710.60	kg/m3	24420.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	703.90	kg/m3	24420.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	696.90	kg/m3	24420.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	718.80	kg/m3	26450.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	712.00	kg/m3	26450.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	705.40	kg/m3	26450.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	698.50	kg/m3	26450.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	720.10	kg/m3	28470.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	713.40	kg/m3	28470.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	706.90	kg/m3	28470.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	700.00	kg/m3	28470.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	720.80	kg/m3	29490.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa



rho1	714.10	kg/m3	29490.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	707.60	kg/m3	29490.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	700.80	kg/m3	29490.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	721.40	kg/m3	30500.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	714.80	kg/m3	30500.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	708.30	kg/m3	30500.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	701.60	kg/m3	30500.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	722.70	kg/m3	32530.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	716.20	kg/m3	32530.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	709.70	kg/m3	32530.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	703.00	kg/m3	32530.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	724.00	kg/m3	34550.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	717.50	kg/m3	34550.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	711.20	kg/m3	34550.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rho1	704.50	kg/m3	34550.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	725.30	kg/m3	36580.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	718.80	kg/m3	36580.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	712.50	kg/m3	36580.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	706.00	kg/m3	36580.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	726.50	kg/m3	38600.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rho1	720.20	kg/m3	38600.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rhoI	713.90	kg/m3	38600.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rhoI	707.40	kg/m3	38600.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rhoI	727.10	kg/m3	39620.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rhoI	720.80	kg/m3	39620.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rhoI	714.60	kg/m3	39620.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa
rhoI	708.10	kg/m3	39620.00	p, Vm, T) measurements of (octane + benzene) at temperatures from (298.15 to 328.15) K and at pressures up to 40 MPa

rhoI	698.58	kg/m3	298.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
rhoI	694.50	kg/m3	303.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
rhoI	690.42	kg/m3	308.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
rhoI	698.60	kg/m3	298.15	Extraction of toluene from aliphatic compounds using an ionic liquid as solvent: Influence of the alkane on the (liquid + liquid) equilibrium
rhoI	698.75	kg/m3	298.15	Thermodynamics of mixtures containing amines. XI. Liquid + liquid equilibria and molar excess enthalpies at 298.15 K for N-methylaniline + hydrocarbon systems. Characterization in terms of DISQUAC and ERAS models

rho1	706.60	kg/m3	100.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	710.90	kg/m3	5000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	714.70	kg/m3	10000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	721.70	kg/m3	20000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	728.10	kg/m3	30000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	734.30	kg/m3	40000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction

rho1	698.60	kg/m3	100.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	703.40	kg/m3	5000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	707.00	kg/m3	10000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	714.60	kg/m3	20000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	721.40	kg/m3	30000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	727.70	kg/m3	40000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction

rho1	690.50	kg/m3	100.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	695.00	kg/m3	5000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	699.40	kg/m3	10000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	707.30	kg/m3	20000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	714.50	kg/m3	30000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction
rho1	720.80	kg/m3	40000.00	Volumetric properties of dialkyl carbonate + n-alkane mixtures at high pressures: Experimental measurement and Nitta-Chao model prediction



rho1	698.60	kg/m3	298.15	Evaluation of ionic liquids as solvent for aromatic extraction: Experimental, correlation and COSMO-RS predictions
rho1	710.61	kg/m3	283.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
rho1	702.60	kg/m3	293.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
rho1	694.50	kg/m3	303.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures
rho1	698.55	kg/m3	298.15	Density, viscosity and excess molar volume of binary mixtures of tri-n-octylamine + diluents (n-heptane, n-octane, n-nonane, and n-decane) at various temperatures

rho1	698.60	kg/m3	298.15	(Liquid + liquid) equilibrium at T = 298.15 K for ternary mixtures of alkane + aromatic compounds + imidazolium-based ionic liquids
rho1	702.82	kg/m3	293.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rho1	698.81	kg/m3	298.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rho1	694.75	kg/m3	303.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rho1	690.68	kg/m3	308.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers
rho1	686.59	kg/m3	313.15	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo-tetrahydrodicyclopentadiene with four octane isomers

rho1	706.60	kg/m3	288.15	Study of the binary mixtures of {monoglyme + (hexane, cyclohexane, octane, dodecane)} by ECM-average and PFP models
rho1	698.58	kg/m3	298.15	Study of the binary mixtures of {monoglyme + (hexane, cyclohexane, octane, dodecane)} by ECM-average and PFP models
rho1	690.48	kg/m3	308.15	Study of the binary mixtures of {monoglyme + (hexane, cyclohexane, octane, dodecane)} by ECM-average and PFP models
rho1	698.86	kg/m3	298.15	Determination and correlation of (liquid + liquid) equilibria of ternary and quaternary systems with octane, decane, benzene and [BMpyr][DCA] at T = 298.15 K and atmospheric pressure
rho1	706.99	kg/m3	288.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rho1	703.00	kg/m3	293.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K

rho1	698.92	kg/m3	298.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rho1	694.88	kg/m3	303.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
rho1	702.58	kg/m3	293.15	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	694.48	kg/m3	303.15	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	686.32	kg/m3	313.15	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	678.09	kg/m3	323.15	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	706.50	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	707.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.30	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.10	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.70	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	721.20	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	724.50	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	727.70	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	730.80	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	733.70	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	736.50	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	739.20	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	741.70	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	744.10	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	702.50	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	703.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	706.40	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.30	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.00	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	717.60	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	721.00	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	724.30	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	727.50	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	730.50	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	733.30	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	736.00	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	738.60	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	741.00	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	698.50	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	699.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	702.50	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	706.50	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.30	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.00	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.60	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.90	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	724.10	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	727.20	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	730.10	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	732.90	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	735.50	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	738.00	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	694.40	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	695.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	698.60	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	702.70	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	706.70	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.50	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.10	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.50	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.90	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	724.00	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	727.00	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	729.80	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	732.50	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	735.00	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	690.40	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	691.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	694.70	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	698.90	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	703.00	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	706.90	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.60	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.20	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.50	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.80	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	723.80	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	726.70	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	729.40	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	731.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	686.30	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	687.10	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	690.80	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	695.10	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	699.30	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	703.30	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	707.20	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	710.80	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.30	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.60	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.70	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	723.60	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	726.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	728.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	682.20	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	683.00	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	686.80	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	691.30	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	695.60	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	699.70	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	703.60	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	707.40	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	711.00	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.30	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.50	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.50	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	723.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	725.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	678.00	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	678.90	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	682.80	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	687.40	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	691.90	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	696.10	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	700.20	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	704.00	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	707.70	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	711.10	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.40	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.40	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	720.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	722.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	673.80	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	674.70	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	678.70	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	683.50	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	688.10	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	692.50	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	696.70	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	700.70	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	704.40	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	707.90	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	711.30	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.40	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	717.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	719.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	669.70	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	670.60	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	674.80	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	679.70	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	684.50	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	689.00	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	693.20	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	697.30	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	701.10	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	704.70	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	708.10	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	711.30	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	714.20	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	716.90	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	661.20	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	662.20	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	666.60	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	671.90	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	677.00	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	681.80	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	686.30	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	690.60	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	694.60	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	698.40	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	701.90	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	705.20	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	708.20	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	711.00	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	652.60	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	653.70	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	658.40	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	664.10	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	669.40	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	674.50	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	679.30	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	683.90	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	688.10	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	692.10	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	695.70	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	699.10	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	702.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	705.10	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	643.80	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	645.00	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	650.10	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	656.10	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	661.90	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	667.30	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	672.40	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	677.20	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	681.60	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	685.80	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	689.60	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	693.10	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	696.30	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	699.20	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	634.70	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	636.30	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	641.80	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	648.20	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	654.40	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	660.10	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	665.50	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	670.60	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	675.30	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	679.60	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	683.60	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	687.30	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	690.50	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	693.50	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	616.30	kg/m3	100.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	618.10	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	624.30	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	631.80	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	638.80	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	645.30	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	651.50	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	657.10	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	662.30	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	667.10	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	671.40	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	675.30	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	678.80	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	681.80	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	599.30	kg/m3	1000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	606.60	kg/m3	5000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	615.10	kg/m3	10000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	623.10	kg/m3	15000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures

rho1	630.60	kg/m3	20000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	637.40	kg/m3	25000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	643.80	kg/m3	30000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	649.60	kg/m3	35000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	654.80	kg/m3	40000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures



rho1	659.50	kg/m3	45000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	663.60	kg/m3	50000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	667.20	kg/m3	55000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	670.20	kg/m3	60000.00	Densities and derived thermodynamic properties for the (n-heptane + n-octane), (n-heptane + ethanol) and (n-octane + ethanol) systems at high pressures
rho1	698.40	kg/m3	298.15	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

rho1	702.93	kg/m3	293.15	Surface tension and density of mixtures of m-xylene + n-alkane at 293.15 K: Analysis under the extended Langmuir and Shereshefsky models
rho1	698.71	kg/m3	100.00	Thermodynamics of mixtures containing aromatic nitriles
rho1	698.84	kg/m3	298.15	Liquid-liquid equilibria for (2-hydroxy benzaldehyde + n-alkane) mixtures. Intermolecular and proximity effects in systems containing hydroxyl and aldehyde groups
rho1	706.54	kg/m3	288.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
rho1	702.53	kg/m3	293.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
rho1	698.50	kg/m3	298.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
rho1	690.34	kg/m3	308.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane

rho1	697.36	kg/m3	298.15	Excess volumes, densities, speeds of sound and viscosities for the binary systems of diisopropyl ether with hydrocarbons at 303.15K
rho1	692.56	kg/m3	303.15	Excess volumes, densities, speeds of sound and viscosities for the binary systems of diisopropyl ether with hydrocarbons at 303.15K
rho1	706.81	kg/m3	288.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rho1	702.77	kg/m3	293.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES

rho1	698.73	kg/m3	298.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rho1	694.70	kg/m3	303.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rho1	690.67	kg/m3	308.15	DIELECTRIC AND REFRACTIVE INDEX MEASUREMENTS FOR THE SYSTEMS 1-PENTANOL + OCTANE, OR + DIBUTYL ETHER OR FOR DIBUTYL ETHER + OCTANE AT DIFFERENT TEMPERATURES
rho1	698.60	kg/m3	298.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene

rho1	690.50	kg/m3	308.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene
rho1	682.20	kg/m3	318.15	The density, the refractive index and the adjustment of the excess thermodynamic properties by means of the multiple linear regression method for the ternary system ethylbenzene-octane-propylbenzene
rho1	706.54	kg/m3	288.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	702.53	kg/m3	293.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	698.51	kg/m3	298.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	694.48	kg/m3	303.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	690.42	kg/m3	308.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa

rho1	686.34	kg/m3	313.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	682.24	kg/m3	318.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	678.11	kg/m3	323.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	673.95	kg/m3	328.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	669.77	kg/m3	333.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	665.55	kg/m3	338.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	661.28	kg/m3	343.15	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa
rho1	703.00	kg/m3	293.15	Experimental Solubility Data for Binary Mixtures of Ethane and 2,2,4-Trimethylpentane at Pressures up to 6 MPa Using a New Variable-Volume Sapphire Cell

rho1	703.76	kg/m3	1996.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	705.71	kg/m3	3994.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	707.57	kg/m3	6001.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	709.25	kg/m3	8004.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	710.88	kg/m3	10009.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	713.21	kg/m3	13010.00	Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures
rho1	702.69	kg/m3	293.20	Isothermal Bubble Pressure Data for the Binary System of C2F6 and n-Octane
sfust	93.19	J/molxK	215.60	NIST Webbook
sfust	95.85	J/molxK	216.38	NIST Webbook
sfust	95.70	J/molxK	215.80	NIST Webbook
speedsl	159.70	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	1193.00	m/s	293.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
speedsl	1173.00	m/s	298.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
speedsl	1152.00	m/s	303.15	Dynamic viscosities of 2-butanol with alkanes (C8, C10, and C12) at several temperatures
speedsl	1172.00	m/s	298.15	Excess properties of the binary mixtures of methylcyclohexane + alkanes (C6 to C12) at T = 298.15 K to T = 308.15 K
speedsl	1172.70	m/s	298.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
speedsl	1152.10	m/s	303.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K



speedsl	1131.70	m/s	308.15	Study of densities, viscosities, and speeds of sound of binary liquid mixtures of butan-1-ol with n-alkanes (C6, C8, and C10) at T = (298.15, 303.15, and 308.15) K
speedsl	1172.70	m/s	298.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
speedsl	1152.10	m/s	303.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
speedsl	1131.70	m/s	308.15	Study of molecular interactions in binary liquid mixtures of 1-octanol with n-hexane, n-octane, and n-decane using volumetric, viscometric, and acoustic properties
speedsl	1214.46	m/s	288.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K

speedsl	1193.32	m/s	293.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
speedsl	1172.41	m/s	298.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
speedsl	1151.48	m/s	303.15	Thermodynamic behavior of thiophene with octane, 1-hexyl-3-methylimidazolium bromide, or 1-octyl-3-methylimidazolium bromide in dilute region at T = (288.15 to 303.15) K
speedsl	1234.58	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1267.06	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1296.87	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1353.62	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1405.73	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1453.45	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1497.98	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1539.83	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1112.00 ± 2.22	m/s	313.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
speedsl	1132.00 ± 2.26	m/s	308.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
speedsl	1148.00 ± 2.30	m/s	303.15	Density, Viscosity, and Speed of Sound of (Methyl Benzoate + Cyclohexane), (Methyl Benzoate + n-Hexane), (Methyl Benzoate + Heptane), and (Methyl Benzoate + Octane) at Temperatures of (303.15, 308.15, and 313.15) K
speedsl	1130.30 ± 0.50	m/s	308.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
speedsl	1150.90 ± 0.50	m/s	303.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane

speedsl	1171.90 ± 0.50	m/s	298.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
speedsl	1192.90 ± 0.50	m/s	293.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
speedsl	1213.60 ± 0.50	m/s	288.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
speedsl	1130.30	m/s	308.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
speedsl	1151.00	m/s	303.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
speedsl	1171.90	m/s	298.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
speedsl	1193.00	m/s	293.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)

speedsl	1213.60	m/s	288.15	Excess Enthalpy, Density, and Speed of Sound for the Ternary Mixture Methyl tert-Butyl Ether (1) + Butan-1-ol (2) + Octane (3)
speedsl	1170.88 ± 4.68	m/s	298.15	Thermophysical Properties of Binary Mixtures of 2-Methyl-1-propanol with Hexane, Octane, and Decane at 298.15 K
speedsl	1152.00	m/s	303.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
speedsl	1173.00	m/s	298.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
speedsl	1193.00	m/s	293.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T ) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters
speedsl	1170.38	m/s	298.15	Liquid liquid equilibria of lactam containing binary systems

speedsl	340.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	358.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	374.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	385.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	392.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	283.10	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	302.00	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	312.30	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	324.30	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	334.00	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	346.50	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	358.40	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	367.90	m/s	9000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	229.40	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	240.70	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	254.10	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	273.20	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	285.30	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	299.00	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	309.60	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane



speedsl	322.30	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	337.00	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	351.80	m/s	8000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	194.70	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	204.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	224.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	242.30	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	254.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	254.30	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	276.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	290.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	302.30	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	314.50	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	160.50	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	169.80	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	184.30	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	204.80	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	215.30	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	226.20	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	241.20	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	255.10	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	270.20	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	280.50	m/s	6000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	144.10	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	140.40	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	137.60	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	137.30	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	139.20	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	141.60	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	144.00	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	148.30	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	153.70	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	169.30	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	180.40	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	192.70	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	206.70	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	226.10	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	239.20	m/s	5000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	134.50	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	132.00	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	126.60	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	125.10	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	125.20	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	128.50	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	133.30	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	144.80	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1579.76	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	170.50	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	200.50	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	215.80	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	236.50	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	250.40	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	142.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	131.60	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	124.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	120.40	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	114.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	112.60	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	110.40	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	108.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	111.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	114.30	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	125.50	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	140.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	166.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	181.00	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	198.30	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	217.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	228.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	142.40	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	140.00	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	132.10	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	124.90	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	119.00	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	111.50	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	103.20	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	94.80	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	95.60	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	100.70	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane



speedsl	108.60	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	124.20	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	144.90	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	168.50	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	189.00	m/s	3500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	152.40	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	149.30	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	144.30	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	139.40	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	134.10	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	129.20	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	124.30	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	116.60	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	108.90	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	102.10	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	93.70	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	88.40	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	86.90	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	110.10	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	135.40	m/s	3000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	444.10	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	451.30	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	454.40	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	461.00	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	471.00	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	477.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	486.20	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	500.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	505.40	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	520.10	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	530.40	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	545.10	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	570.60	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	591.50	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	616.50	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	645.00	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	672.70	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	693.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	724.20	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	750.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	779.70	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	815.20	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	844.30	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	864.00	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	896.10	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	920.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	973.90	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1027.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1072.70	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1128.30	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	1184.50	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1233.00	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1250.80	m/s	12000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	400.80	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	408.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	414.00	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	424.00	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	430.40	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	441.30	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	448.00	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	465.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	471.50	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	483.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	497.50	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	511.40	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	533.30	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	563.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	590.50	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	614.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	646.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	676.90	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	695.80	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	728.10	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	755.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	789.80	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	818.20	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	846.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	865.20	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1652.42	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa



speedsl	960.50	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1006.20	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1053.40	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1108.60	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1164.80	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1213.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1242.70	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	323.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	332.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	341.00	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	347.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	356.50	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	372.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	380.20	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	398.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	406.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	422.00	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	436.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	450.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	478.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	506.50	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	537.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	565.40	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	599.70	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	631.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	660.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	689.90	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	723.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	754.20	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	784.50	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	818.80	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	836.90	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	892.30	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	933.50	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	979.60	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1031.90	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1089.10	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1141.40	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1199.70	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1222.00	m/s	7000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	245.60	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	257.30	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	276.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	290.50	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	315.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	325.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	337.80	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	354.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	373.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	407.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	439.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	477.80	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	503.50	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	543.00	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	579.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	614.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	646.40	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	682.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	720.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	747.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	786.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	802.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	860.10	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	909.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	955.40	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1007.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1066.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1121.20	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1172.70	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1196.50	m/s	4000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane

speedsl	806.40	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	855.40	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	912.30	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	970.10	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1029.10	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1089.50	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1151.70	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1173.00	m/s	100.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1152.00	m/s	303.15	Excess volumes, densities, speeds of sound and viscosities for the binary systems of diisopropyl ether with hydrocarbons at 303.15K



speedsl	1172.09	m/s	298.15	Thermodynamic behaviour of the binary systems dimethyl carbonate + n-octane or n-nonane
speedsl	1515.25	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1495.95	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1455.47	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1412.81	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1367.82	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1318.00	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1265.87	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1208.69	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1144.98	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1074.24	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1034.29	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	990.70	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1538.99	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1519.75	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1480.20	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1438.49	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1393.88	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1346.15	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1295.04	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1239.76	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1178.21	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1110.11	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1072.38	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1030.88	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1564.52	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1545.71	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1506.58	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1465.52	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1421.82	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1375.24	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1325.33	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1271.56	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1212.30	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1146.13	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1110.36	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1071.08	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1590.18	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1571.88	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1533.64	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1493.22	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1450.73	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1405.08	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1356.40	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1303.76	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1247.34	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1183.44	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1148.97	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa



speedsl	1112.07	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1617.00	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1598.88	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1561.42	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1521.70	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1480.01	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1435.50	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1388.06	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1336.81	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1282.11	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1220.99	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1187.62	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1151.82	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1641.84	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1623.92	m/s	90100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1587.34	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1549.02	m/s	70100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1508.42	m/s	60100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1465.58	m/s	50100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1419.61	m/s	40100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1370.38	m/s	30100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1317.25	m/s	20100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1259.45	m/s	10100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1227.94	m/s	5100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa

speedsl	1193.74	m/s	100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	1670.72	m/s	95100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	917.40	m/s	10000.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
speedsl	1618.95	m/s	80100.00	Fully automatized apparatus for determining speed of sound for liquids in the temperature and pressure interval (283.15-343.15) K and (0.1-95) MPa
speedsl	186.70	m/s	4500.00	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane
srf	0.02	N/m	298.15	Interfacial tensions of binary mixtures of ethanol with octane, decane, dodecane, and tetradecane
srf	0.02	N/m	308.15	Interfacial tensions of binary mixtures of ethanol with octane, decane, dodecane, and tetradecane
srf	0.02	N/m	318.15	Interfacial tensions of binary mixtures of ethanol with octane, decane, dodecane, and tetradecane

srf	0.02	N/m	293.15	Surface tension and density of mixtures of m-xylene + n-alkane at 293.15 K: Analysis under the extended Langmuir and Shereshefsky models
srf	0.02	N/m	283.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.02	N/m	293.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.02	N/m	303.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.02	N/m	313.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.02	N/m	323.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering

srf	0.02	N/m	348.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.01	N/m	373.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.01	N/m	398.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.01	N/m	423.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.01	N/m	448.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.01	N/m	473.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering

srf	0.00	N/m	498.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.00	N/m	523.15	Liquid Viscosity and Surface Tension of n-Hexane, n-Octane, n-Decane, and n-Hexadecane up to 573 K by Surface Light Scattering
srf	0.02	N/m	298.15	Density, Surface Tension, and Refractive Index of Octane + 1-Alkanol Mixtures at T ) 298.15 K.
srf	0.02 ± 0.00	N/m	298.15	Analysis of Surface Tension, Density, and Speed of Sound for the Ternary Mixture Dimethyl Carbonate + p-Xylene + n-Octane
srf	0.02	N/m	293.20	KDB
srf	0.02 ± 0.00	N/m	293.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K



srf	0.02 ± 0.00	N/m	298.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
srf	0.02 ± 0.00	N/m	303.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
srf	0.02 ± 0.00	N/m	308.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K
srf	0.02 ± 0.00	N/m	313.15	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K

srf	0.02	N/m	308.15	Surface Tension of Dialkyl Carbonates + (Alkanes or 1,4-Dimethylbenzene) and 1,4-Dimethylbenzene + Alkanes Binary Mixtures at T = 308.15 K
tcondl	0.11	W/m×K	10000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	10200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	5100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.10	W/m×K	400.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.12	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	20000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	20000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	5000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.13	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	20100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	10000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	5100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.11	W/m×K	100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.13	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	20200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	10000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	5000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.12	W/m×K	100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.14	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	20000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	10200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	5100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.14	W/m×K	30200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	20200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	10200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	5000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.13	W/m×K	100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

tcondl	0.12	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.15	W/m×K	20000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	10100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	5200.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa
tcondl	0.14	W/m×K	100.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa



tcondl	0.12	W/m×K	334.80	Thermal Conductivities of [bmim][PF6], [hmim][PF6], and [omim][PF6] from 294 to 335 K at Pressures up to 20 MPa.
tcondl	0.12	W/m×K	314.70	Thermal Conductivities of [bmim][PF6], [hmim][PF6], and [omim][PF6] from 294 to 335 K at Pressures up to 20 MPa.
tcondl	0.13	W/m×K	294.50	Thermal Conductivities of [bmim][PF6], [hmim][PF6], and [omim][PF6] from 294 to 335 K at Pressures up to 20 MPa.
tcondl	0.15	W/m×K	30000.00	Measurements of the Thermal Conductivity of n-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbp	352.83 ± 0.08	K	22.95	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures

tdp	360.22 ± 0.08	K	29.98	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	366.89 ± 0.08	K	37.87	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	371.89 ± 0.08	K	44.82	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	376.93 ± 0.08	K	52.81	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	380.87 ± 0.08	K	59.85	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	384.36 ± 0.08	K	66.66	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures
tdp	388.38 ± 0.08	K	75.23	A novel dynamic recirculating apparatus for vapour-liquid equilibrium measurements at moderate pressures and temperatures









<b>chl:</b>	Standard liquid enthalpy of combustion
<b>cpg:</b>	Ideal gas heat capacity
<b>cpl:</b>	Liquid phase heat capacity
<b>dm:</b>	Dipole Moment
<b>dvisc:</b>	Dynamic viscosity
<b>fl:</b>	Lower Flammability Limit
<b>flu:</b>	Upper Flammability Limit
<b>fpo:</b>	Flash Point (Open Cup Method)
<b>gf:</b>	Standard Gibbs free energy of formation
<b>gyrad:</b>	Radius of Gyration
<b>hcg:</b>	Heat of Combustion, Gross form
<b>hcn:</b>	Heat of Combustion, Net Form
<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfl:</b>	Liquid phase enthalpy of formation at standard conditions
<b>hfus:</b>	Enthalpy of fusion at standard conditions
<b>hfust:</b>	Enthalpy of fusion at a given temperature
<b>hsubt:</b>	Enthalpy of sublimation at a given temperature
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>hvapt:</b>	Enthalpy of vaporization at a given temperature
<b>ie:</b>	Ionization energy
<b>kvisc:</b>	Kinematic viscosity
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>nfpaf:</b>	NFPA Fire Rating
<b>pc:</b>	Critical Pressure
<b>pvap:</b>	Vapor pressure
<b>rfi:</b>	Refractive Index
<b>rhol:</b>	Liquid Density
<b>sfust:</b>	Entropy of fusion at a given temperature
<b>sg:</b>	Molar entropy at standard conditions
<b>sl:</b>	Liquid phase molar entropy at standard conditions
<b>speedsl:</b>	Speed of sound in fluid
<b>srf:</b>	Surface Tension
<b>tb:</b>	Normal Boiling Point Temperature
<b>tbp:</b>	Boiling point at given pressure
<b>tc:</b>	Critical Temperature
<b>tcondl:</b>	Liquid thermal conductivity
<b>tf:</b>	Normal melting (fusion) point
<b>tt:</b>	Triple Point Temperature
<b>vc:</b>	Critical Volume
<b>zc:</b>	Critical Compressibility
<b>zra:</b>	Rackett Parameter

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