

SPECIFIC GRAVITY OF VARIOUS LIQUIDS

NAME OF LIQUID	TEMP °C	PER °C COEF. EXP.	LBS/FT ³ DENSITY	SPG	NAME OF LIQUID	TEMP °C	PER °C COEF. EXP.	LBS/FT ³ DENSITY	SPG
Acetone	25	0.00082	48.98	0.787	Hexene	25	----	41.9	0.673
Acid, 60% H2SO4	40	----	93.6	1.5	Hydrazine	25	----	49.6	0.797
Acid, 96% H2SO4	40	----	110.0	1.76	Iodine	25	----	307.6	4.93
Acid, Acetic	25	0.0006	65.493	1.052	Ionene	25	----	58.2	0.935
Acid, Caproic	25	----	57.5	0.924	Kerosene	16	0.0005	51.013	0.82
Acid, Carboic	15	----	59.7	0.959	MEK	25	----	50.1	0.805
Acid, Citric	25	----	103.6	1.665	Menthol	38	----	564	0.404
Acid, Lactic	25	----	75.25	1.206	Mercury	25	0.0001	848.61	13.63
Acid, Linolenic	25	----	56.1	0.902	Methane	-170	----	29	0.466
Acid, Palmitic	25	----	53.1	0.853	Milk	----	----	64.4	1.035
Alcohol, ethyl	25	0.00061	49.01	0.788	Naphtha, Petroleum	15	----	41.5	0.667
Alcohol, methyl	25	0.00075	49.1	0.789	Naphtha, wood	25	0.0004	43.61	0.701
Alcohol, propyl	25	----	49.94	0.802	Napthalene	100	----	59.9	0.963
Ammonia (anhyd)	25	----	51.4	0.826	Nonanol	25	----	51.2	0.823
Aniline	25	----	63.61	1.022	Ocimene	25	----	49.8	0.8
Benzene	25	0.00077	54.55	0.876	Octane	15	0.0004	43.8	0.702
Benzil	25	----	67.4	1.084	Oil & Fuel	16	0.0004	55.569	0.893
Bromine	25	0.00065	194.8	3.12	Oil, Castor	25	----	59.69	0.959
Butane	25	----	37.4	0.601	Oil, Coconut	15	----	57.7	0.927
Carbon dioxide	-37	----	68.64	1.1	Oil, Cotton Seed	15	----	57.8	0.929
Carbon disulfide	25	0.0007	78.72	1.265	Oil, Linseed	25	----	58	0.932
Carbon tetrachloride	25	0.0007	98.91	1.589	Oil, Olive	20	----	43.9	0.703
Carene	25	----	53.5	0.86	Oxygen	-192	----	11.8	0.199
Chloride	25	0.00073	97.38	1.56	Paraffin, Petroleum	65	----	54.3	0.87
Chloroform	25	----	91.44	1.469	Pentane	25	----	47	0.755
Creosote	15	----	66.6	1.07	Phenol	25	0.0005	66.94	1.075
Cresol	25	----	63.9	1.027	Phosgene	0	----	86	1.381
Crude oil, California	16	0.0004	57.125	0.918	Phytadiene	25	----	51.4	0.826
Crude oil, Mexican	16	0.00035	60.745	0.976	Pinene	25	----	53.5	0.858
Crude oil, Texas	16	0.0004	54.507	0.876	Propane	-40	----	36.4	0.585
Cumene	25	----	53.7	0.862	Propane	25	----	30.81	0.495
Decane	25	----	45.34	0.728	Propanol	25	----	50.2	0.806
Dodecane	25	----	47.11	0.757	Propylene	25	----	32.11	0.516
Ethane	-89	----	35.6	0.572	Pyridine	25	----	61.1	0.982
Ether	25	0.00092	4.54	0.716	Pyrrrole	25	----	60.3	0.969
Ethylamine	16	----	42.5	0.683	Refrigerant, Fluorine R-12	25	----	81.84	1.315
Formaldehyde	45	----	50.7	0.815	Resorcinol	25	----	79.2	1.272
Furan	25	----	54.9	0.88	Sabiname	25	----	50.7	0.814
Furfural	25	----	72.1	1.159	Silane	25	----	44.8	0.719
Gasoline, Vehicle	16	0.0007	46.023	0.739	Sorbaldehyde	25	----	55.9	0.898
Gasoline, natural	16	0.0007	44.4	0.713	Stearic Acid	25	----	55.6	0.941
Glycerin	25	0.00028	78.62	1.263	Styrene	25	----	56.4	0.906
Glycerol	25	----	70.3	1.129	Terpinene	25	----	52.9	0.85
Glycol, Ethylene	25	----	68.47	1.1	Toluene	25	----	53.83	0.865
Glycol, Propylene	25	----	60.26	0.968	Turpentine	25	0.0005	54.2	0.871
Heptane	25	----	42.42	0.681	Water, pure	4	-0.0001	62.42	1.000
Hexane	25	----	40.88	0.657	Water, pure	100	0.0007	59.63	0.958
Hexanol	25	----	50.6	0.813	Water, sea	22	60.1	63.8	1.025

CAUTION: The above values have been compiled from sources considered to be reliable, but are for use only as approximations. The user must measure the actual product SPG under the service conditions if accuracy is needed.



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