

Specific Gravity of Common Liquids and Fluids

Fluid	Temperature	Specific Gravity
Acetic acid	25°C	1.052
Acetone	25°C	0.787
Acetylene, liquid	-121°F	0.62
Acetylene, liquid	70°F	0.38
Adipic acid	—	0.72
Alcohol, ethyl (ethanol)	25°C	0.787
Alcohol, methyl (methanol)	25°C	0.791
Alcohol, propyl	25°C	0.802
Ammonia (aqua)	25°C	0.826
Aniline	25°C	1.022
Beer	25°C	1.01
Benzene	25°C	0.876
Benzil	25°C	1.084
Bromine	25°C	3.12
Butane, liquid	25°C	0.601
Caproic acid	25°C	0.924
Carbolic acid	15°C	0.959
Carbon disulfide	25°C	1.265
Carbon tetrachloride	25°C	1.589
Carene	25°C	0.860
Castor oil	25°C	0.959
Chloride	25°C	1.56
Chlorine	60°F	1.42
Chloroform	25°C	1.469
Citric acid	25°C	1.665
Coconut oil	15°C	0.927
Cotton seed oil	15°C	0.929
Cresol	25°C	1.027
Creosote	15°C	1.070
Crude oil, California	60°F	0.918
Crude oil, Mexican	60°F	0.976
Crude oil, Texas	60°F	0.876
Cumene	25°C	0.862
Decane	25°C	0.728
Dodecane	25°C	0.757
Ethane	-89°C	0.572
Ether	25°C	0.716
Ethylamine	16°C	0.683
Ethylene glycol	25°C	1.100
Trichlorofluoromethane refrigerant R-11	25°C	1.480
Dichlorodifluoromethane refrigerant R-12	25°C	1.315
Chlorodifluoromethane refrigerant R-22	25°C	1.197

Specific Gravity of Common Liquids and Fluids (Continued)

Fluid	Temperature	Specific Gravity
Formaldehyde	45°C	0.815
Fuel oil	60°F	0.893
Furan	25°C	1.421
Furfural	25°C	1.159
Gasoline, natural	60°F	0.713
Gasoline, vehicle	60°F	0.739
Glycerine (glycerol)	25°C	1.263
Glycol	25°C	1.11
Heptane	25°C	0.681
Hexane	25°C	0.657
Hexanol	25°C	0.813
Hexene	25°C	0.673
Hydrazine	25°C	0.797
Kerosene	60°F	0.820
Linolenic acid	25°C	0.902
Linseed oil	25°C	0.932
Mercury	25°C	13.633
Methane	-164°C	0.466
Milk	—	1.035
Naphtha, Petroleum Naphtha	15°C	0.667
Wood	25°C	0.701
Napthalene	25°C	0.963
Nonanol	25°C	0.823
Octane	25°C	0.701
Olive oil	15°C	0.703
Oxygen	-183°C	1.14
Palmitic acid	25°C	0.853
Pentane	25°C	0.755
Phenol	25°C	1.075
Phosgene	0°C	1.381
Phytadiene	25°C	0.826
Pinene	25°C	0.858
Propane	-40°C	0.585
Propane	25°C	0.495
Propylene	25°C	0.516
Propylene glycol	25°C	1.036
Pyridine	25°C	0.968
Parole	25°C	0.969
Resorcinol	25°C	1.272
Sabiname	25°C	0.814
Sea water	25°C	1.028
Silane	25°C	0.719

Specific Gravity of Common Liquids and Fluids (Continued)

Fluid	Temperature	Specific Gravity
Sorbaldehyde	25°C	0.898
Stearic acid	25°C	0.941
Styrene	25°C	0.906
Terpinene	25°C	0.850
Toluene	25°C	0.865
Turpentine	25°C	0.871
Water, pure	39.2°F (4°C)	1.000
Water, sea	77°F	1.025