Specific Gravity Table

Gas Specific Gravity relative to Air at 70℉
Liquid Specific Gravity relative to Water @ 60℉

GAS	Chemical Formula	Specific Gravity
Acetylene	C_2H_2	0.911
Air	-	1.000
Ammonia	NH_3	0.596
Anthracite Producer Gas	-	0.850
Argon	A	1.377
Benzene	C_6H_6	2.692
Bituminous Producer Gas	-	0.860
Blast-Furnace Gas	-	1.000
Blue Water Gas	-	0.530
Butane	C_4H_{10}	2.067
Butylene	C_4H_8	1.994
Carbon Dioxide	CO_2	1.528
Carbon Monoxide	CO	0.967
Carbureted Water Gas	-	0.650
Chlorine	CI_2	2.486
Coke Oven Gas	-	0.420
Ethane	C_2H_6	1.049
Ethyl Chloride	C_2H_5CI	2.365
Ethylene	C_2H_4	0.974
Freon(F-12)	CCI_2F_2	4.520
Helium	He	0.138
Hydrogen	H_2	0.070
Hydrogen Chloride	HCI	1.268
Hydrogen Sulphide	H_2S	1.190
Methane	CH_4	0.554
Methyl Chloride	CH_3CI	1.738
Natural Gas*	-	0.667
Neon	Ne	0.696
Nitrogen	N_2	0.972
Nitric Oxide	NO	1.034
Nitrous Oxide	N_2O	1.518
Oxygen	O_2	1.105
Petane	C_5H_{12}	2.487
Propane	C_3H_8	1.562
Propylene	C_3H_6	1.450
Sulphur Dioxide	SO_2	2.264
Toluene	C_7H_8	3.176
Xylene	C_8H_{10}	3.662

* Representative value

Liquid	Specific Gravity
Acetone	0.792
Alcohol, Ethyl (100%)	0.789
Acid, Muriatic (40%) = HCl	1.200
Acid, Nitirc (91%)	1.500
Acid, Sulfuric (87%)	1.800
Bunkers C Fuel Max.	1.014
Distillate	0.850
Fuel 3 Max.	0.898
Fuel 5 Min.	0.966
Fuel 5 Max.	0.993
Fuel 6 Min.	0.993
Gasoline	0.751
Gasoline, Natural	0.680
Hydrochloric Acid	1.256
Kerosene	0.815
M. C. Residuum	0.935
Mercury	13.570
Olive Oil	0.919
Pentane	0.624
SAE 10 Lube*	0.876
SAE 30 Lube*	0.898
SAE 70 Lube*	0.916
Sea Water	1.025
32.6° API Crude	0.862
35.6° API Crude	0.847
40° API Crude	0.825
48° API Crude	0.788
Water	1.000

* 100 Viscosity Index.