

Specific Gravity of Gases

(at 60° F and 29.92" Hg)

Dry Air (1 cu. ft. at 60° F and 29.92" Hg. Weighs .07638 pound ... 1.000

Acetylene	C ₂ H ₂	0.91
Ethane	C ₂ H ₆	1.05
Methane	CH ₄	0.554
Ammonia.	NH ₃	0.596
Carbon-dioxide	CO ₂	1.53
Carbon-monoxide	CO	0.967
Butane	C ₄ H ₁₀	2.067
Butene	C ₄ H ₈	1.93
Chlorine	Cl ₂	2.486
Helium	He	0.138
Hydrogen	H ₂	0.0696
Nitrogen	N ₂	0.9718
Oxygen	O ₂	1.1053

Specific Gravity of Liquids

Liquid	Temp ° F	Specific Gravity
Water (1 cu.-ft. weighs 62.41 lb.)	50	1.00
Brine (Sodium Chloride 25%)	32	1.20
Pennsylvania Crude Oil	80	0.85
Fuel Oil No. 1 and 2	85	0.95
Gasoline	80	0.74
Kerosene	85	0.82
Lubricating Oil SAE 10-20-30	115	0.94