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FLUID DENSITIES AND KINEMATIC VISCOSITIES

Fluid	Density (kg/m ³)	Kinematic viscosity (m ² /s)
Hydrogen	0.09	1.1 x 10 ⁻⁴
Air	1.2	1.5 x 10 ⁻⁵
Crude oil	860	1.0 x 10 ⁻⁵
Jet A1(-40°C) Kerosene	851	9.5 x 10 ⁻⁶
Jet A1(0°C) Kerosene	823	2.5 x 10 ⁻⁶
Jet A1(50°C) Kerosene	786	1.0 x 10 ⁻⁶
Water (0°C)	999.8	1.79 x 10 ⁻⁶
Water (4°C)	1000	1.52 x 10 ⁻⁶
Water (10°C)	999.7	1.31 x 10 ⁻⁶
Water (15°C)	999.1	1.14 x 10 ⁻⁶
Water (20°C)	998	1.0 x 10 ⁻⁶
Water (30°C)	996	0.80 x 10 ⁻⁶
Water (40°C)	992.1	0.66 x 10 ⁻⁶
Sea Water (0°C)	1030	1.73 x 10 ⁻⁶
Sea Water (15°C)	1027	1.46 x 10 ⁻⁶
Sea Water (30°C)	1022	0.85 x 10 ⁻⁶
Mercury	13600	1.1 x 10 ⁻⁷

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