

DENSITY AND VISCOSITY OF SEVERAL LIQUID

| Liquid name | Density | | Viscosity | | Vapor pressure | |
|------------------------------|------------------------------|-------------------|--------------------|-------------------|----------------------------------|-------------------|
| | Density (kg/m ³) | Temp. range (C) | Viscosity (cPoise) | Temp. range (C) | Vap. Pres. (kg/cm ²) | Temp. range (C) |
| COMMON LIQUID | | | | | | |
| <i>Vegetable oil</i> | 940 - 914 | - | | | | |
| - Coconut oil | 925 | | 30-15 | 21-54 | | |
| - Corn oil | 924 | | 26-8 | 21-54 | | |
| Water | 1000 - 992 | 0 - 90 | 1-0.6 | 20 to 50 | 0.0125-0.126 | 10-50 |
| Milk | 1030 | 15 | | | | |
| Wyne | 990 | 15 | | | | |
| Diesel oil | 857 | 15 | | | | |
| Engine oil | 911 | 15 | | | | |
| Lubricating oil | | | | | | |
| - SAE-90 | 935-880 | 21-99 | 162 | 21 | | |
| - SAE-50 | 935-880 | 21-99 | 110 | 50 | | |
| - SAE-30 | 935-880 | 21-99 | 60 | 50 | | |
| - SAE-10 | 935-880 | 21-99 | 20 | 50 | | |
| Petroleum oil | 660 - 650 | | | | | |
| Kerosene | 830-800 | | | | | |
| Ammonia | 719-701 | -56 to -38 | 0.37-0.27 | -56 to -38 | 0.605-4.43 | -43 to 1 |
| HYDROCARBON | | | | | | |
| n-Butane | 692-623 | -67 to -4.5 | 0.43-0.22 | | 0.5-5 | -30 to 40 |
| n-Ethane | 517-440 | -136 to -93 | - | | | |
| n-Methane | 671-658 | -172-166.5 | - | | | |
| Pentane | 627 | 15 | | | | |
| Hexane | 658 | 15 | 0.46 to 0.22 | -13 to 64 | | |
| Heptane | 683 | 15 | 0.5 to 0.21 | 4 to 93 | | |
| Octane | 700 | 15 | 0.48 to 0.22 | 34 to 121 | | |
| Propane | 679-622 | -116 to -48 | 0.71 to 0.21 | -116 to -48 | 0.6-19 | -50 to 50 |
| AROMATIC HYDROCARBONS | | | | | | |
| Benzene | 861-818 | 43 to 75 | 0.47-0.32 | 43 to 75 | | |
| Ethyl Benzene | 862-778 | 21 to 131 | 0.74-0.24 | 21 to 131 | | |
| Toluene (Methyl Benzene) | 905-773 | 8 to 106 | 0.69-0.26 | 8 to 106 | 0.08-0.6 | 50-100 |

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| CONDENSED AROMATICS | | | | | | |
| Anthracene | 1250 | | | | | |
| Decalin | 894 | 20 | | | | |
| Naphthalene | 976 | 85 | | | | |
| Tetralin | 972 | | | | | |
| ALCOHOLS | | | | | | |
| Ethyl Alcohol (100%) | 833-735 | -18 to 73 | 2.71-0.48 | -18 to 73 | | |
| Ethyl Alcohol (50%) | | | 4.3-3.05 | 10 to 20 | | |
| Glycol | 1110 | 20 | | | | |
| Methanol | 837-752 | -17 to 59 | 1.07-0.36 | -17 to 59 | | |
| Phenol | 1006-929 | 112 to 177 | 0.79-0.24 | 112 to 177 | | |