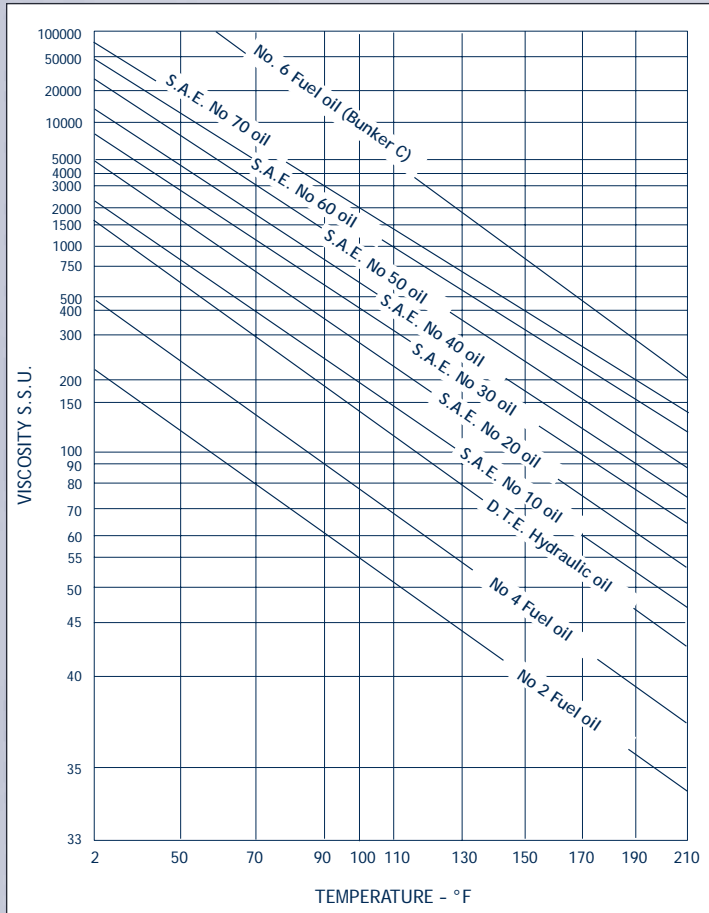
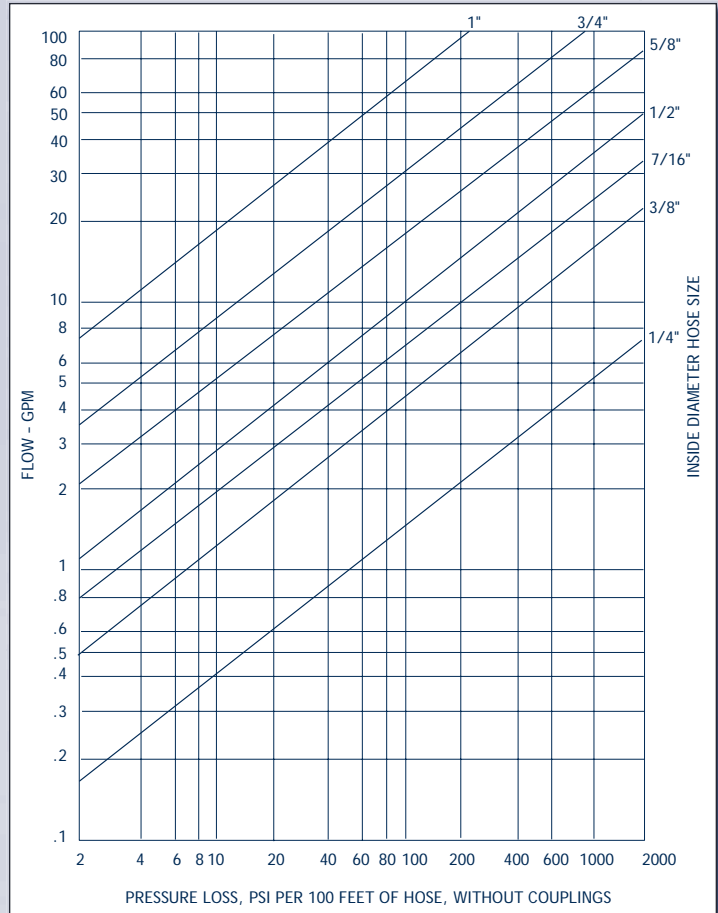


# ENGINEERING TABLES

## OIL VISCOSITY VS. TEMPERATURE



## HOSE FRICTION - WATER 68° F



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## INCHES MEASUREMENT CONVERSION CHART

Fractions	Decimals	Millimeters	Fractions	Decimals	Millimeters	Fractions	Decimals	Millimeters	Fractions	Decimals	Millimeters
1/64	.015625	0.396	17/64	.265625	6.746	33/64	.515625	13.096	49/64	.765625	19.446
1/32	.03125	0.793	9/32	.28125	7.143	17/32	.53125	13.493	25/32	.78125	19.843
3/64	.046875	1.190	19/64	.296875	7.540	35/64	.546875	13.890	51/64	.796875	20.240
1/16	.0625	1.587	5/16	.3125	7.937	9/16	.5625	14.287	13/16	.8125	20.637
5/64	.078125	1.984	21/64	.328125	8.334	37/64	.578125	14.684	53/64	.828125	21.034
3/32	.09375	2.381	11/32	.34375	8.731	19/32	.59375	15.081	27/32	.84375	21.431
7/64	.109375	2.778	23/64	.359375	9.128	39/64	.609375	15.478	55/64	.859375	21.828
1/8	.125	3.175	3/8	.375	9.525	5/8	.625	15.875	7/8	.875	22.225
9/64	.140625	3.571	25/64	.390625	9.921	41/64	.640625	16.271	57/64	.890625	22.621
5/32	.15625	3.968	13/32	.40625	10.318	21/32	.65625	16.668	29/32	.90625	23.018
11/64	.171875	4.365	27/64	.421875	10.715	43/64	.671875	17.065	59/64	.921875	23.415
3/16	.1875	4.762	7/16	.4375	11.112	11/16	.6875	17.462	15/16	.9375	23.812
13/64	.203125	5.159	29/64	.453125	11.509	45/64	.703125	17.859	61/64	.953125	24.209
7/32	.21875	5.556	15/32	.46875	11.906	23/32	.71875	18.256	31/32	.96875	24.606
15/64	.234375	5.953	31/64	.484375	12.303	47/64	.734375	18.653	63/64	.984375	25.003
1/4	.25	6.350	1/2	.5	12.700	3/4	.75	19.050	1	1.000	25.400

## METRIC vs. ENGLISH STANDARD MEASURES

Liquid	1 Gallon = 3.785 Liters = 3785 cc = 128 Ounces = .003785 Cubic Meters
	1 Liter = .2642 Gallons, 1 Cubic Meter = 264.2 Gallons
Distance	1 Foot = .3048 Meters, 1 Meter = 3.281 Feet
Pressure	1 PSI = 2.307 Feet of Water = 2.036 Inches of Mercury = .06897 Bar
	1 Bar = 14.5 PSI
Weight	1 Pound = .454 Kilograms, 1 Kilogram = 2.205 Pounds
Horsepower	1 Horsepower = .7457 Kilowatt, 1 Kilowatt = 1.341 Horsepower