

Approximate Viscosities & Specific GravitiesOf Common Liquids

Liquid	Specific Gravity	Temp. (°F)	Viscosity (SSU)	Temp. (°F)
Asphalt				
Virgin*	1.03	60	7,500 2,000	250 300
Blended				
RC-1, MC-1 or SC-1*	1.0	60	3,700 1,100	100 122
RC-3, MC-3 or SC-3*	1.0	60	9,000 3,700	122 140
RC-5, MC-5 or SC-5*	1.0	60	55,000 4,500	140 180
Gasoline	.71	70	31	70
Glucose*	1.4	60	70,000 7,500	100 150
Glycerine	1.25	70	3,000 800	70 100
Glycol				
Propylene	1.04	70	240	70
Triethylene	1.13	70	190	70
Diethylene	1.12	70	150	70
Ethylene	1.13	70	90	70
Milk	1.03	70	33	70
Molasses				
"A"	1.43	60	12,000 4,500	100 130
"B"	1.45	60	33,000 9,000	100 130
"C" (Blackstrap)	1.48	60	130,000 40,000	100 130
Oils				
Petroleum				
Crude (PA)*	.82	60	130 60	60 100
Crude (TX, OK)*	.85	60	400 120	60 100
Crude (WY, MT)*	.87	60	650 180	60 100
Crude (CA)*	.85	60	2,600 380	60 100

Liquid	Specific Gravity	Temp. (°F)	Viscosity (SSU)	Temp. (°F)
No. 1 Fuel Oil*	.88	60	37 34	70 100
No. 2 Fuel Oil*	.88	60	43 37	70 100
No. 3 Fuel Oil*	.88	60	40 36	100 130
No. 5A Fuel Oil*	.88	60	90 60	100 130
No. 5B Fuel Oil*	.88	60	250 175	100 130
No. 6 Fuel Oil*	.88	60	1,700 500	122 160
SAE No. 10*	.91	60	200 105	100 130
SAE No. 30*	.91	60	490 220	100 130
SAE No. 50*	.91	60	1,300 90	100 210
SAE No. 70*	.91	60	2,700 140	100 210

Liquid	Specific Gravity	Temp. (°F)	Viscosity (SSU)	Temp. (°F)
SAE No. 90 (Trans.)*	.91	60	1,200 400	100 130
SAE No. 140 (Trans.)*	.91	60	1,600 160	130 210
SAE No. 250 (Trans.)*	.91	60	Over 2,300 Over 200	130 210
Vegetable				
Castor	.97	60	1,300 500	100 130
China Wood	.94	160	1,400 600	70 100
Cocoanut	.93	60	140 80	100 130
Corn	.92	60	140 50	130 212
Cotton Seed	.90	60	170 100	100 130
Linseed, Raw	.93	60	140 90	100 130
Olive	.92	60	200 110	100 130

Liquid	Specific Gravity	Temp. (°F)	Viscosity (SSU)	Temp. (°F)
Palm	.92	60	220 125	100 130
Peanut	.92	60	200 110	100 130
Rosin	.98	60	1,500 600	100 130
Sesame	.92	60	190 110	100 130
Soya Bean	.94	60	170 100	100 130
Turpentine	.86	60	33 32	60 100
Syrups				
Corn*	1.43	100	250,000 30,000	100 130
Sugar	1.29 (60 Brix)	60	230 90	70 100
	1.30 (62 Brix)	60	300 110	70 100
	1.31 (64 Brix)	60	450 150	70 100
	1.32 (66 Brix)	60	650 200	70 100
	1.34 (68 Brix)	60	1,000 280	70 100
	1.35 (70 Brix)	60	1,700 400	70 100
	1.36 (72 Brix)	60	2,700 650	70 100
	1.38 (74 Brix)	60	5,500 1,150	70 100
	1.39 (76 Brix)	60	10,000 2,000	70 100

Liquid	Specific Gravity	Temp. (°F)	Viscosity (SSU)	Temp. (°F)
Tar				
Coke Oven*	1.12	60	5,000 1,000	70 100
Gas House*	1.24	60	150,000 11,000	70 100
Road				
RT-2*	1.07	60	250 60	122 212
RT-6*	1.09	60	1,500 110	122 212
RT-10*	1.14	60	40,000 300	122 212
Water	1.0	60	32	70

*Values given are average values and the actual viscosity may be greater or less than the value given.