

Property	ASTM Method	Min/Max/Typical	Grades				
			70N	80N	110N	225N	600N
Gravity, °API	D 4052		33.5-35.5	32.7 (Typ)	34.4 (Typ)	31 (Typ)	30.2 (Typ)
Viscosity							
cSt @ 40°C	D 445	Min-Max	11.5-13.0	11.5-14.1	20.3 (Typ)	40.7 (Typ)	106.0 (Typ)
cSt @ 100°C	D 445	Min-Max	2.96 (Typ)	3.08 (Typ)	4.07-4.25	6.38-6.58	11.80-12.62
SUS @ 100°F	D 2161	Typical	71	76	107	210	553
SUS @ 210°F	D 2161	Typical	36	37	40	48	68
Cold Crank Simulator	D 5293						
cP @ -30°C		Max	1300	1800	---	---	---
cP @ -25°C		Max	---	---	1350	---	---
cP @ -20°C		Max	---	---	---	2800	---
Viscosity Index	D 2270	Min	87 (Typ)	85 (Typ)	105	100	95
Pour Point, °F	D 5950	Max	-17	-17	10	10	10
Pour Point, °C	D 5950	Max	-27	-27	-12	-12	-12
Flash Point, °F	D 92	Min	350	350	390	420	500
Flash Point, °C	D 92	Min	177	177	199	216	260
Color, ASTM	D 1500	Max	0.5	0.5	0.5	0.5	0.5
% Volatility - NOACK	D 5800	Max	---	---	22	12	---
% Volatility - ASTM							
% @ 630°F	D 7213	Max	5	5	---	---	---
% @ 700°F	D 7213	Max	---	---	10	5	---
% @ 800°F	D 6352	Max	---	---	---	---	5
Composition							
% Saturates	UV Correl.	Min	99	99	99	99	99