



**Pure Performance® Base Oils
Specifications**

PROPERTY	ASTM METHOD	Min/Max Typical	BASE OIL				
			70N	80N	110N	225N	600N
PRODUCT CODE	---	---	1048682	1040935	1040937	1040944	1040948
API Category	---	---			Group II	Group II	Group II
Gravity, °API	D 5002	Typ	33.5 min	32.2	33.6	31.7	30.0
Viscosity							
cSt @ 40°C	D 445	Min/Max	11.5-13.0	11.5-14.1	20.11 (Typ)	42.7 (Typ)	114.5 (Typ)
cSt @ 100°C	D 445	Min/Max	2.90 (Typ)	3.10 (Typ)	3.95-4.25	6.38-6.66	11.80-12.62
SUS @ 100°F	Calc.	Typ	71	77	106	220	599
SUS @ 210°F	Calc.	Typ	36	37	40	48	69
Cold Crank Simulator	D 5293						
cP @ -30°C		Max	1300	1800	---	---	---
cP @ -25°C		Max	---	---	1500	---	---
cP @ -20°C		Max	---	---	---	3600	---
Viscosity Index	D 2270	Min	78 (Typ)	69 (Typ)	95	95	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	---	---	26.5	12.0	---
Volatility - ASTM	D 2887						
% @ 630°F		Max	5	5	---	---	---
% @ 700°F		Max	---	---	14	7	---
% @ 800°F		Max	---	---	---	---	5
Composition	SFC						
% Saturates		Min	99	99	99	99	99