



Polyalphaolefin (PAO) 5 cSt - Option B
PRODUCT INFORMATION
(Axxess PAO 5 – Option B)

Typical Properties	Specification Range	Test Method
Specific Gravity 15.6 (60°F)	0.810 – 0.840	ASTM D-4052
Viscosity Index	142 - 147	ASTM D-2270
Viscosity cSt 100°C	5.0 – 5.3	ASTM D-445
Viscosity cSt 40°C	24 - 26	ASTM D-445
Viscosity cSt -40°C	5,600 max	ASTM D-445
Pour Point °C	-40 max	ASTM D-97
Flash Point PMC, °C	215 min	ASTM D-93
Neutralizing Number (TAN), mg KOH/g	0.01 max	ASTM D-974
Bromine Number, g Br /100g	0.40 max	IP-129
Noack Volatility 250°C, 1 hr, %wt., Evap	6.5 max	CEC L 40-A-93
% Transmission@ 440 nm	>98	
Color	0.5 max	ASTM D-1500
Typical Properties	Unit Value	Test Method
Cold Crank Simulator, mPa s (cP)		D-5293
-25 °C	900	
-30 °C	1,500	
-35 °C	2,760	
Refractive Index @ 20°C	1.4580	
Air Release 50°C, min	<1	ASTM D-3427
Aniline Point, °C	126.6	ASTM D-611
Flash Point COC, °C	243	ASTM D-92
IBP (1%), °C	377	
FBP (99.5%), °C	545	
Appearance	Clear & Bright	Observation

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