



Polyalphaolefin (PAO) 7 cSt - Option B
PRODUCT INFORMATION
(Axxess PAO 7 – 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	6.9 – 7.4	ASTM D-445
Viscosity cSt 40°C	35 - 43	ASTM D-445
Viscosity cSt -40°C	14,000 max	ASTM D-445
Pour Point °C	-40 / -45	ASTM D-97
Flash Point °C	255 - 270	ASTM D-92
Neutralizing Number (TAN), mg KOH/g	0.002 – 0.005	ASTM D-974
Refractive Index @ 20°C	1.4612 – 1.4628	
Bromine Number, g Br /100g	0.20 max	IP-129
Noack Volatility 250°C, 1 hr, %wt., Evap	2.2 – 4.0	-/DIN 51581
% Transmission@ 440 nm	>98	
Color	0.5 max	ASTM D-1500
Appearance	Clear & Bright	Observation
Typical Properties	Unit Value	Test Method
Cold Crank Simulator, mPa s (cP)		D-5293
-25 °C	1,750	
-30 °C	3,020	
-35 °C	5,070	
IBP (1%), °C	454	
FBP (99.5%), °C	648	
Air Release, min	1.3	
Aniline Point, °C	133.4	1

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