



Polyalphaolefin (PAO) 7 cSt - Option A
PRODUCT INFORMATION
(Axxess PAO 7 – Option A)

Typical Properties	Specification Range	Test Method
Specific Gravity 15.6°C (60°F)	0.82 – 0.84	ASTM D-4052
Viscosity Index	140 min	ASTM D-2270
Viscosity cSt 100°C	6.9 – 7.20	ASTM D-445
Viscosity cSt 40°C	33.0 – 45.0	ASTM D-445
Pour Point °C	-35 max	ASTM D-97
Flash Point (PMC) °C	225 min	ASTM D-93
Water Content, ppm	50 max	ASTM D-3401
HTHS Viscosity @150 °C mPa s (cP)	<2.6	ASTM D-4741
Neutralizing Number (TAN), mg KOH/g	<0.1 max	ASTM D-974
Refractive Index @ 20°C	1.4606 +/-	
Bromine Number, g Br /100g	0.20 max	IP-129
Noack Volatility 250°C, 1 hr, %wt., Evap	4.0 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	1920	
-30 °C	3080	
-35 °C	5260	
Brookfield Viscosity , mPa s (cP) - 26°C	1970	ASTM D-2983
Flash Point (COC) °C	260	ASTM D-92
Air Release 50°C, min	<1 min	ASTM D-3427
Surface Tension mN/m	27.4	ASTM D-1331

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