



Polyalphaolefin (PAO) 8 cSt - Option B
PRODUCT INFORMATION
(Axxess PAO 8 – Option B)

Typical Properties	Specification Range	Test Method
Specific Gravity 15.6 (60°F)	0.831 – 0.834	ASTM D-4052
Viscosity Index	142-147	ASTM D-2270
Viscosity cSt 100°C	7.70 – 8.20	ASTM D-445
Viscosity cSt 40°C	43.5 – 48.7	ASTM D-445
Pour Point °C	-33 max	ASTM D-97
Flash Point (COC) °C / °F	270 / 518	ASTM D-92
Neutralizing Number (TAN), mg KOH/g	0.01 max	ASTM D-974
Refractive Index @ 20°C	1.4620+/-	
Bromine Number, g Br /100g	0.20 max	IP-129
Noack Volatility 250°C, 1 hr, %wt., Evap	6.0 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	2420	
-30 °C	3880	
-35 °C	6530	
Flash Point (PMC) °C / °F	245 / 473	ASTM D-93
Air Release 50°C, min	<1 min	ASTM D-3427
Surface Tension, mN/m	31.1	ASTM D-1331
HTHS Viscosity @ 150 °C mPa s (cP)	<2.6	ASTM D-4741

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Axxess Chemicals, LLC, 522 Highway 9 North, Manalapan, New Jersey 07726 USA
Telephone: 877-299-3772 Fax: 732-536-9611
www.axxesschemicals.com