



**Polyalphaolefin (PAO) 6 cSt - Option B**  
**PRODUCT INFORMATION**  
**(Axxess PAO 6 – Option B)**

Typical Properties	Specification Range	Test Method
Specific Gravity 15.6 (60°F)	0.82 – 0.84	ASTM D-4052
Viscosity Index	140 min	ASTM D-2270
Viscosity cSt 100°C	5.8 – 6.1	ASTM D-445
Viscosity cSt 40°C	29.0 – 32.0	ASTM D-445
Pour Point °C	-37 max	ASTM D-97
Flash Point (COC) °C / °F	250 / 482 min	ASTM D-92
Neutralizing Number (TAN), mg KOH/g	0.01 max	ASTM D-974
Refractive Index @ 20°C	1.4594+/-	
Bromine Number, g Br /100g	0.4 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	1150	
-30 °C	1980	
-35 °C	3340	
Flash Point (PMC) °C / °F	232 / 449.6	ASTM D-93
Air Release 50°C, min	<1 min	ASTM D-3427
Surface Tension, mN/m	28.0	ASTM D-1331
HTHS Viscosity @ 150 °C mPa s (cP)	1.8	ASTM D-4741

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