



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

Typical Properties	Specification Range	Test Method
Specific Gravity 15.6°C (60°F)	0.82 – 0.83	ASTM D-4052
Viscosity Index	140 min	ASTM D-2270
Viscosity cSt 100°C	4.9 – 5.3	ASTM D-445
Viscosity cSt -40°C	23.5 – 25.5	ASTM D-445
Pour Point °C	-40 max	ASTM D-97
Flash Point °C / (°F)	245 / 473 min	ASTM D-92
Brookfield Viscosity , mPa s (cP)	<2000	ASTM D-2983
HTHS Viscosity @150 °C mPa s(cP)	<1.8	ASTM D-4741
Neutralizing Number (TAN), mg KOH/g	0.01 max	ASTM D-974
Refractive Index @ 20°C	1.4579 +/-	
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	770	
-30 °C	1390	
-35 °C	2220	
Air Release 50°C, min	<1 min	ASTM D-3427
Surface Tension, mN/m	27.7	ASTM D-1331

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