



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

Date 1/15/2010

Note: Information provided on this sheet is for informational purposes only and is considered to be accurate at the date of printing. However, since Axxess Chemicals has no influence on the use, processing and application of the product, Axxess Chemicals can accept no responsibility whatsoever on this respect and the buyer can derive no rights there from. Customers are advised to test the product in advance to make certain it is suitable for their particular production conditions and assumes all responsibilities arising from the use of the products and the information related thereto. It is also the User's obligation to comply with all applicable laws and regulations. No statement made in this publication shall be construed as a permission, recommendation or authorization given or implied to practice any patented invention without a valid license.

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