

ExxonMobil SpectraSyn™ 5 Polyalphaolefin (PAO) Fluid

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

Material Notes:

Product Description: SpectraSyn™ Low Viscosity Polyalphaolefin (PAO) basestocks feature low temperature properties, low volatility, and improved thermal stability. SpectraSyn™ Low Viscosity (PAO) products have high viscosity indices which translate to improved flow at low temperatures and increased film thickness at high temperatures. SpectraSyn™ Low Viscosity PAO products are the primary basestocks for synthetic lubricants used in passenger car engines, heavy-duty diesel engines, transmissions, gear boxes and a variety of industrial applications. **Appearance:** Bright & Clear **Availability:** Africa & Middle East, Asia Pacific, Central America, Europe, North America and South America **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-SpectraSyn-5-Polyalphaolefin-PAO-Fluid.php

Physical Properties	Metric	English	Comments
Density	0.824 g/cc @Temperature 15.6 °C	0.0298 lb/in ³ @Temperature 60.1 °F	ASTM D4052
Viscosity	<= 4200 cP @Temperature -40.0 °C	<= 4200 cP @Temperature -40.0 °F	Apparent Viscosity by Mini-Rotary Viscometer; ASTM D4684
Viscosity Measurement	138	138	Index; ASTM D2270
Kinematic Viscosity	4920 cSt @Temperature -40.0 °C	4920 cSt @Temperature -40.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	25 cSt	25 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	5.1 cSt	5.1 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-57.2 °C	-71.0 °F	ASTM D5950/D97
Flash Point	240 °C	464 °F	COC; ASTM D92

Chemical Properties	Metric	English	Comments
Acid Value	<= 0.050	<= 0.050	[mg KOH/g]; ASTM D974 (mod)

Descriptive Properties	Value	Comments
Cold Cranking Simulator	2420 cP	-31 °F, ASTM D5293
Color	<0.5	ASTM D1500
Composition	Water	<50 ppm, ASTM D6304 (mod)

Descriptive Properties	Value	Comments
Moist Volatility	0.008	ASTM D5800/DIN 51581

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