

ExxonMobil SpectraSyn™ 2C 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-2C-Polyalphaolefin-PAO-Fluid.php

Physical Properties	Metric	English	Comments
Density	0.798 g/cc	0.0288 lb/in ³	ASTM D4052
	@Temperature 15.6 °C	@Temperature 60.1 °F	
Kinematic Viscosity at 40°C (104°F)	6.4 cSt	6.4 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	2.0 cSt	2.0 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-57.2 °C	-71.0 °F	ASTM D5950/D97
Flash Point	>= 150 °C	>= 302 °F	COC; ASTM D92

Optical Properties	Metric	English	Comments
Refractive Index	1.44	1.44	ASTM D1218

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

Descriptive Properties	Value	Comments
Aniline Point	220.1°F	ASTM D611
Color	<0.5	ASTM D1500
Composition	Water	<50 ppm, ASTM D6304 (mod)
Density Correction Factor	0.000647 (g/cc)/°C	ASTM D1250
Kauri-Butanol Value	17.6	ASTM D1133

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