

## ExxonMobil SpectraSyn™ 10 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-10-Polyalphaolefin-PAO-Fluid.php](http://www.lookpolymers.com/polymer_ExxonMobil-SpectraSyn-10-Polyalphaolefin-PAO-Fluid.php)

Physical Properties	Metric	English	Comments
Density	0.835 g/cc @Temperature 15.6 °C	0.0302 lb/in <sup>3</sup> @Temperature 60.1 °F	ASTM D4052
Brookfield Viscosity	36650 cP @Temperature -40.0 °C	36650 cP @Temperature -40.0 °F	ASTM D2983
Viscosity Measurement	137	137	Index; ASTM D2270
Kinematic Viscosity	39000 cSt @Temperature -40.0 °C	39000 cSt @Temperature -40.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	66 cSt	66 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	10 cSt	10 cSt	ASTM D445
Evaporation Loss	0.70 % @Temperature 150 °C, Time 79200 sec	0.70 % @Temperature 302 °F, Time 22.0 hour	ASTM D972

Thermal Properties	Metric	English	Comments
Pour Point	-47.8 °C	-54.0 °F	ASTM D5950/D97
Flash Point	266 °C	511 °F	COC; ASTM D92

Optical Properties	Metric	English	Comments
Refractive Index	1.4615	1.4615	ASTM D1218

Electrical Properties	Metric	English	Comments
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Dielectric Breakdown Electrical Properties	35600 V Metric	35600 V English	Comments
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Chemical Properties	Metric	English	Comments
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Acid Value	<= 0.050	<= 0.050	[mg KOH/g]; ASTM D974 (mod)
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Descriptive Properties	Value	Comments
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Aniline Point	374.3°F	ASTM D611
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Cold Cranking Simulator	8840 cP	-22°F, ASTM D5293
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Color	<0.5	ASTM D1500
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Composition	Water	<50 ppm, ASTM D6304 (mod)
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Density Correction Factor	0.000632 (g/cc)/°C	ASTM D1250
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Fire point	565°F	COC, ASTM D92
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Kauri-Butanol Value	5	ASTM D1133
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Noack Volatility	0.032	ASTM D5800/DIN 51581
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## Contact Songhan Plastic Technology Co.,Ltd.

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