

# SpectraSyn™ 6

## Polyalphaolefin (PAO) Fluid

### 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.

Properties	Minimum	Maximum	Unit	Test Method
Specific Gravity <sup>1</sup> (15.6°C)	Report	--		ASTM D4052
Appearance <sup>1</sup> (-18°C)	Bright & Clear	--		Visual
Color <sup>1</sup>	--	0.5		ASTM D1500
Kinematic Viscosity <sup>1</sup>				ASTM D445
100°C	5.60	6.00	cSt	
40°C	26.0	32.5	cSt	
-40°C	--	8200	cSt	
Pour Point <sup>1</sup>	--	-54	°C	ASTM D5950/D97
Flash Point, COC <sup>1</sup>	230	--	°C	ASTM D92
Noack Volatility <sup>1</sup>	--	8.0	wt%	ASTM D5800/DIN 51581
Bromine Number	--	1.0	g Br/100 g	AS-M 1377
Water <sup>1</sup>	--	50	ppm	ASTM D6304
Total Acid Number <sup>1</sup>	--	0.05	mg KOH/g	ASTM D974 (mod)

### Notes

<sup>1</sup> Test reported on Certificate of Analysis

For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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