

# SpectraSyn Plus™ 6

## Advanced Polyalphaolefin (PAO) Fluid

### Product Description

SpectraSyn Plus™ Advanced Polyalphaolefin (PAO) provide an optimal combination of volatility and low-temperature fluidity. SpectraSyn Plus™ Advanced PAO products viscosity indices translate into improved flow at low temperatures and increased film thickness at high temperatures. SpectraSyn Plus™ Advanced PAO provide superior lubrication as the primary basestocks for synthetic lubricants used in passenger car engines, heavy-duty diesel engines, transmissions, and a variety of industrial applications. SpectraSyn Plus™ Advanced PAO can be used for upgrading mineral oil or Group III basestocks for improved low temperature and volatility performance.

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	--	7800	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>	--	6.5	wt%	ASTM D5800/DIN 51581
Bromine Number <sup>1</sup>	--	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)
Fire Point, COC <sup>2</sup>	Report	--	°C	ASTM D92

### Notes

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

<sup>2</sup> Test annually

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

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