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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 [1] (15.6°C)	Report	--		ASTM D4052
Appearance [1] (-18°C)	Bright & Clear	--		Visual
Color [1]	--	0.5		ASTM D1500
Kinematic Viscosity [1]				ASTM D445
100°C	5.6	6.0	mm^2/s	
40°C	26.0	32.5	mm^2/s	
-40°C	--	8200	mm^2/s	
Pour Point [1]	--	-54	°C	ASTM D5950/D97
Flash Point, COC [1]	230	--	°C	ASTM D92
Noack Volatility [1]	--	8.0	wt%	ASTM D5800/DIN 51581
Bromine Number	--	1.0	g Br/100 g	AMS 1377
Water [1]	--	50	ppm	ASTM D6304
Total Acid Number [1]	--	0.05	mg KOH/g	ASTM D974 (mod)

Notes

[1] Test reported on Certificate of Analysis

For additional technical, sales and order assistance: Contact Us

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