

SpectraSyn™ 5

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				ASTM D445
100°C ¹	4.5	5.5	cSt	
40°C	20.0	30.0	cSt	
-40°C ¹	--	5300	cSt	
Pour Point ¹	--	-42	°C	ASTM D5950/D97
Flash Point, COC ¹	204	--	°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

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