

SpectraSyn™ 100

Polyalphaolefin (PAO) Fluid

Product Description

SpectraSyn™ High Viscosity Polyalphaolefin (PAO) basestocks feature low temperature properties (pour point and viscosity), low volatility, and improved thermal stability. SpectraSyn™ High Viscosity PAO products high viscosity indices translate into improved flow at low temperatures and increased film thickness at high temperatures. SpectraSyn™ High Viscosity PAO basestocks are particularly suited for industrial oils requiring high stability under extreme operating conditions. SpectraSyn™ High Viscosity PAO products are frequently used in conjunction with lower viscosity fluids (PAO, mineral oils) as a viscosity booster to achieve a wide range of ISO VG industrial and automotive gear oils.

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	97	115	cSt	
40°C	1200	1540	cSt	
Pour Point ¹	--	-21	°C	ASTM D5950/D97
Flash Point, COC ¹	270	--	°C	ASTM D92
Water ¹	--	50	ppm	ASTM D6304
Total Acid Number ¹	--	0.10	mg KOH/g	ASTM D974 (mod)

Notes

¹ Test reported on Certificate of Analysis

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