

SpectraSyn™ MaX 3.5

Advanced Polyalphaolefin (PAO) Fluid

Product Description

SpectraSyn™ MaX 3.5 is the next generation Polyalphaolefin (PAO) that leverages a unique structure to achieve an exceptional low viscosity, low volatility balance. SpectraSyn™ MaX 3.5 PAO offers improved oxidative stability, enhanced lubricity and traction, excellent low-temperature properties and improved flashpoint versus conventional PAO. SpectraSyn™ MaX 3.5 PAO delivers step-out performance for fuel efficiency improvements as the primary basestock for synthetic lubricants for engine oil and driveline applications. SpectraSyn™ MaX 3.5 PAO also offers improved energy efficiency and thermal management benefits for electric vehicle driveline and e-motor applications and more broadly, enables improved energy efficiency in industrial applications.

Properties	Minimum	Maximum	Unit	Test Method
Specific Gravity ¹	Report	--		ASTM D4052
Appearance ¹ (-18°C)	Bright & Clear	--		Visual
Color ¹	--	0.5		ASTM D1500
Kinematic Viscosity ¹				ASTM D445
100°C	3.4	3.55	cSt	
40°C	13.6	14.6	cSt	
-40°C	--	1700	cSt	
Pour Point ¹	--	-69	°C	ASTM D5950/D97
Flash Point, COC ¹	210	--	°C	ASTM D92
Noack Volatility ¹	--	12.5	wt%	ASTM D5800/DIN 51581
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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