SpectraSyn Elite™ 150

Metallocene Polyalphaolefin (mPAO) Fluid

Product Description

SpectraSyn Elite™ metallocene Polyalphaolefin (mPAO) basestock is an advanced high viscosity (Hi-Vis) Polyalphaolefin (PAO). SpectraSyn Elite™ mPAO utilizes metallocene catalyst technology. SpectraSyn Elite™ mPAO basestock offers performance characteristics not available with conventional PAO, such as improved viscosity index (VI), shear stability and low temperature performance in finished lubricants, particularly in industrial applications. Together, these properties offer the flexibility to develop finished lubricants optimized to address formulators' toughest lubrication challenges.

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Revision Date	▪ 06/01/2020		

Basics	Typical Value (English)	Typical Value (SI)	Test Based On
Specific Gravity [2] (60.1°F (15.6°C))	0.849	0.849	ASTM D4052
Appearance [2]	Bright & Clear	Bright & Clear	Visual
Color [2]	< 0.5	< 0.5	ASTM D1500/ D6045
Kinematic Viscosity [2]			ASTM D445
212°F (100°C)	156 cSt	156 mm^2/s	
104°F (40°C)	1649 cSt	1649 mm^2/s	
Viscosity Index [2]	210	210	ASTM D2270
Pour Point [2]	-27 °F	-33 °C	ASTM D5950/D97
Flash Point, COC [2]	531 °F	277 °C	ASTM D92
Water [2]	< 50 ppm	< 50 ppm	ASTM D6304
Total Acid Number [2]	< 0.10 mg KOH/g	< 0.10 mg KOH/g	ASTM D974

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Density Correction Factor [2]	6.25E-4 $(g/cm^3)/°C$	6.25E-4 $(g/cm^3)/°C$	ASTM D1250

Legal Statement

For detailed Product Stewardship information, please contact Customer Service.

Notes

Typical properties: these are not to be construed as specifications.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

[2] Single sample or two sample average determinations

For additional technical, sales and order assistance: Contact Us

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