

Product Datasheet

Durasyn® 185

Durasyn 185 polyalphaolefin is a metallocene catalyzed, fully synthesized distilled and hydrogenated hydrocarbon base fluid produced from C10 linear alphaolefin feedstocks. Its engineered physical and performance properties are designed to extend the service life and enhance the performance of fully formulated lubricants operating under continuous low, high or wide temperature range conditions.

Features and Benefits

Inherently thermally stable

⇒ Resistant to thermal break down under non-routine high temperature excursions

Inherently oxidation resistant

⇒ Allows the formulation of extended drain lubricants

Engineered to be highly shear stable

⇒ Maintains viscosity grade over extended service life intervals

Designed-in broad range viscometrics

⇒ Suitable for exposure to low or high start-up or operating temperatures, or operation over wide temperature ranges

Intended Applications

DS185 is engineered for use in a wide variety of applications where the physical and performance properties of fully synthesized PAOs could be beneficial including:

- Wind Turbine Lubricants
- Gear Oils
- Compressor Oils
- Greases
- Industrial Oils

Compatibility

DS185 has been engineered to be either near or direct substitutes for existing PAO base oils and premium quality oils. Compatibility with metals, elastomers, coatings and sealants is similar to other fully synthesized PAO base oils. Solubility is also similar to other fully synthesized PAO base oils.

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TYPICAL PROPERTIES

Property	Test Method ISO/ASTM	Unit Value
Viscosity , mm ² /s (cSt), 100°C	D445	170
Viscosity , mm ² /s (cSt), 40°C	D445	1627
Viscosity Index	D2270	225
Pour Point , °C	D97	-39
Flash Point , °C	D92	274
Specific Gravity , 15.6°C/ 15.6°C	D4052	0.85
Water , ppm	D3401	6
Color	D1500	<0.5

EXCLUSION OF LIABILITY

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