

SinoSyn® PAO40

Polyalphaolefin(PAO)

Product Description

SinoSyn® PAO40 is a fully synthesized hydrogenated hydrocarbon base fluid produced from C10 linear alphaolefin feed stocks. It can be used as a base oil or VI-improvement for a wide range of automobile and industrial lubricant products, both mineral oil and synthetic based.

Features and Benefits

- ★ High viscosity index and excellent lubricity
- ★ High flash point and low volatility
- ★ Compatible with mineral oils and esters
- ★ Excellent oxidant resistance
- ★ Excellent shear stability and hydrolysis
- ★ Extend drain and improved fuel economy

Typical Properties

Item	SinoSyn® PAO40	Test Methods
Appearance	Bright & Clear	Visual
Density@15.6 °C, g/cm ³	0.845	ASTM D1298
Kinematic Viscosity, mm ² /s 100 °C 40 °C	40.03 386.0	ASTM D445
Viscosity Index	154	ASTM D2270
Flash Point COC, °C	295	ASTM D92
Pour Point, °C	-40	ASTM D97
ASTM Color	<0.5	ASTM D1500
Acid Number, mgKOH/g	0.01	ASTM D974
Water Content, ppm	30	ASTM D6304
Noack Volatility Loss, wt%	0.7	ASTM D5800

Application

- ★ Gear Oils (Automotive & Industrial)
- ★ Transmission Fluids
- ★ Engine Crankcase
- ★ Greases

Additional Information

Technical White Mineral Oil, 21 CFR 178.3620(b)

National Sanitation Foundation(NSF) White book, category code H1,HX-1,Lubricants with incidental food contact.

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[Http://www.nacosynthetics.com](http://www.nacosynthetics.com)

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