

# SinoSyn® PAO100A

## Polyalphaolefin(PAO)

### Product Description

SinoSyn® PAO100A is a fully synthesized hydrogenated hydrocarbon base fluid produced from 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® PAO100A	Test Methods
Appearance	Bright & Clear	Visual
Density@15.6 °C, g/cm <sup>3</sup>	0.853	ASTM D1298
Kinematic Viscosity, mm <sup>2</sup> /s 100 °C 40 °C	101 1,150	ASTM D445
Viscosity Index	179	ASTM D2270
Flash Point COC, °C	300	ASTM D92
Pour Point, °C	-30	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%	0.6	ASTM D5800

### Application

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

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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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