

SinoSyn® PAOs

Polyalphaolefins(PAOs)

Product Description

SinoSyn® A serial PAO products are the fully synthesized hydrogenated hydrocarbon base fluids produced from linear alphaolefins feed stocks. It can be used as a base oils or VI-improvement for a wide range of automobile and industrial lubricant products, both mineral oil and synthetic based. They are PAO40A/100A designated at KV100.

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® 40A	SinoSyn® 100A	Test Methods
Appearance	Bright & Clear	Bright & Clear	Visual
Density@15.6 °C, g/cm ³	0.850	0.853	ASTM D1298
Kinematic Viscosity, mm ² /s 100 °C 40 °C	40.5 387.4	101 1,150	ASTM D445
Viscosity Index	156	179	ASTM D2270
Flash Point COC, °C	295	300	ASTM D92
Pour Point, °C	-40	-30	ASTM D97
ASTM Color	<0.5	<0.5	ASTM D1500
Acid Number, mgKOH/g	0.01	0.01	ASTM D974
Water Content, ppm	30	30	ASTM D6304
Noack Volatility Loss, wt%	0.7	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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