

DowSyn PAO12

Description:

DowSyn PAO12 is a fully synthesized hydrogenated hydrocarbon base fluid produced from linear alphaolefin feed stocks. It can be used as a base oil or VI-improver for a wide range of automobile and industrial lubricant products, both mineral oil and synthetic based.

Characteristic:

- 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 performance :

Item	Typical	Test Method
Appearance	Bright & Clear	Visual
Density@20 °C, g/cm ³	0.835	ASTM D1298
Kinematic Viscosity, mm ² /s @100 °C @40 °C	11.5 78.5	ASTM D445
Viscosity Index	138	ASTM D2270
Flash Point, COC, °C	256	ASTM D92
Pour Point, °C	-48	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%	3.9	ASTM D5800

Typical Properties are obtained with normal production and do not constitute a specification.

Application:

- Gear Oils (Automotive & Industrial)
- Compressor Oils
- Hydraulic Fluids
- Engine Oils and Transmission Fluids
- Greases
- Other Lubes Oils