

SYNTON® PAO 40

Poly Alpha Olefin

SYNTON® PAO 40 is a high viscosity poly alpha olefin fluid that can be used as a base stock and viscosity builder for a wide range of engine and industrial lubricating oil products, both mineral oil and synthetic based. It is manufactured by the polymerization of alphaolefins. SYNTON® PAO 40 has excellent oxidation resistance, shear stability, low pour point, low volatility and a high flash point and is completely compatible with a wide range of synthetic and mineral base oils.

APPLICATIONS

Gear Oils (Automotive & Industrial), Compressor Oils, Bearing Lubricants, Turbine Oils, Circulating Oils, Grease

TYPICAL DATA

PROPERTIES	TYPICAL VALUES
Kinematic Viscosity @ 100°C, cSt	40
Specific Gravity (20/20°C)	0.842
Color, APHA	20
Flash Point, °C, ASTM D-92	280
Pour Point, °C, ASTM D-97	-30



HANDLING INFORMATION

SYNTON® PAO 40 is a viscous liquid polymer and is normally handled at slightly elevated temperatures. For a complete description of the proper storage and handling conditions, please refer to Technical Bulletin SL-3. For general purposes, the following maximum storage and handling temperatures are recommended:

Storage

50°C (122°F)

Handling under Nitrogen

100°C (212°F)

Handling without Nitrogen

80°C (176°F)

SAFETY INFORMATION

SYNTON® PAO 40 exhibits an extremely low level of dermal, oral and inhalation toxicity, as well as, low eye irritation.

For more extensive information on the safe handling and use of this product, see the Material Safety Data Sheet.

SHIPPING INFORMATION

Product is shipped under a nitrogen blank in tank trucks, railcars, and non-returnable 55-gallon (imperial) steel drums (370 lbs. net).



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