

Product Data Sheet

A PAO6

PRODUCT DESCRIPTION

A PAO6 is a hydrogenated synthetic base fluid designed for use in fully or partially synthetic, premium long-drain lubricants, including engine oils, industrial oils, hydraulic fluids, transmission fluids, and other high-performance lubricating applications.

FEATURES BENEFITS

- High viscosity index
- Excellent low-temperature fluidity
- Low volatility
- Superior oxidation resistance
- Compatible with mineral oils and esters
- Extended drain intervals and improved fuel economy

APPLICATIONS

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

TYPICAL CHARACTERISTICS

Item	Typical Data	Test Method
Appearance	Bright & Clear	Visual
Density@15.6 °C, g/cm ³	0.827	ASTM D1298
Kinematic Viscosity, mm ² /s		
@100 °C	5.9	ASTM D445
@40 °C	31	ASTM D445
Viscosity Index	138	ASTM D2270
Flash Point, COC, °C	245	ASTM D92
Pour Point, °C	<-60	ASTM D97
ASTM Color	<0.5	ASTM D1500
Acid Number, mgKOH/g	0.01	ASTM D974
Water Content, ppm	20	ASTM D6304
Noack Volatility Loss, wt%	6.8	ASTM D5800

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

PACKING, STORAGE & TRANSPORTATION

This product is classified as non-flammable, non-explosive, and non-corrosive. When storing, handling, transporting, or using this product please refer to the SH/T 0164 standard and the product's Material Safety Data Sheet (MSDS) for proper guidelines.

Maximum storage temperature: Do not exceed 75°C.

Recommended long-term storage temperature: Should not exceed 45°C.

For detailed information on safety, health, and environmental precautions, please consult the MSDS.

PACKAGING OPTIONS

Available in bulk and drums.