

Product Data Sheet

A PAO10

PRODUCT DESCRIPTION

A PAO10 is a fully synthetic, hydrogenated hydrocarbon base fluid. It serves as a versatile base oil for a wide range of automotive and industrial lubricants, compatible with both mineral oil-based and synthetic formulations.

FEATURES BENEFITS

- High viscosity index with excellent lubricity
- High flash point and low volatility
- Compatible with mineral oils and esters
- Excellent oxidative stability
- Superior hydrolytic stability
- 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	0.832	GB/T 1884
Kinematic Viscosity, mm ² /s		
@100 °C	9.9	GB/T 265
@40 °C	64.4	GB/T 265
Viscosity Index	139	GB/T 2541
Flash Point, COC, °C	260	GB/T 3536
Pour Point, °C	-52	GB/T 3535
ASTM Color	<0.5	GB/T 6540
Acid Number, mgKOH/g	0.01	GB/T 7304
Water Content, mg/kg	30	GB/T 11146
Noack Volatility Loss, wt%	3.2	SH/T 0059

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.