

# Product Data Sheet

## A PAO4

### PRODUCT DESCRIPTION

A PAO4 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/cm3	0.819	ASTM D1298
Kinematic Viscosity, mm <sup>2</sup> /s		
@100 °C	3.9	ASTM D445
@40 °C	16.8	ASTM D445
Viscosity Index	124	ASTM D2270
Flash Point, COC, °C	222	ASTM D92
Pour Point, °C	-69	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%	13	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.