

Product Data Sheet

A PAO8

PRODUCT DESCRIPTION

A PAO8 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 | 0.828 | ASTM D1298 |
| Kinematic Viscosity, mm ² /s | | |
| @100 °C | 7.9 | ASTM D445 |
| @40 °C | 45 | ASTM D445 |
| Viscosity Index | 147 | ASTM D2270 |
| Flash Point, COC, °C | 265 | ASTM D92 |
| Pour Point, °C | <-45 | 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% | 3.3 | 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.