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An ISO9001 Certified Company
PD P2AO 190
REV. # 2
REV. DATE: February 12, 2020

P2AO190 OIL (Tackifier Enhanced)
PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK P2AO190 OIL is a plastic compatible synthetic lubricant formulated to provide increased service life and shear stability. This specialty based PAO uses carefully selected additives that provides tack and stringiness to the formula. Antioxidants and metal deactivators contribute to both chemical and thermal stability. Flash and fire points are higher than conventional mineral oils and therefore substantially increase the operational safety margin.

PERMAWICK P2AO190 OIL is formulated for the fractional horsepower electric motor and a variety of other applications. It has a wide temperature operating range of -45 to 125°C.

PRODUCT FEATURES

- Provides stringiness and tack to base oil.
- Long term hydrolytic stability and water separation
- Oxidation and corrosion resistant
- Reduced rate of change of viscosity with temperature change
- High viscosity index & very low pour point indicate excellent low temp fluidity
- Low evaporation rate

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.82
Density lb/gal		6.84
Color	D1500	0.5
Flash Point, °C	D92	230
Pour Point, °C	D97	-65
Viscosity, cSt. 40°C	D445	35.4
100°C		7.06
Viscosity Index	D2270	165.9
Neutralization No., mg KOH/gm	D664	0.01
Copper Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, % mass, grams		
22 hours @ 98.9°C	D972	0.4

The World Leader in Fractional Horsepower Motor Lubrication