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**An ISO9001 Certified Company**

PD P2AO 4600

REV. # 3

REV. DATE: May 30, 2017

## **P2AO4600 OIL**

### **PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

#### **DESCRIPTION**

PERMAWICK P2AO4600 OIL is especially developed for plastic compatibility for use in the fractional horsepower electric motor industry. This lubricant possesses extremely long service life and resists any leakage or washing away that could cause dry running. Low pour point and high viscosity index provide superior low temperature fluidity.

PERMAWICK P2AO4600 OIL is hydrolytically stable oil with remarkable thermal and chemical stability and has a wide use range of -35 to 125°C.

#### **PRODUCT FEATURES**

- Oxidation and corrosion resistant
- Reduced rate of change of viscosity with temperature change
- Separates easily from water
- Mixes with conventional mineral oils
- Reduces friction of wear

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
ISO VG	D445	1000
Specific Gravity	D1298	0.850
Color	D1500	<1.0
Flash Point, °C	D92	283
Pour Point, °C	D97	-35
Viscosity, cSt. 40°C	D445	995
100°C		91.2
Viscosity Index	D2270	178.6
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion 3 hours @ 100°C	D130	1a
Evaporation Loss, % mass, grams 22 hours @ 100°C	D972	<0.1
Rust Protection, sea water	D665	Pass