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**An ISO9001 Certified Company**  
PD P2AO 460B  
REV. # 3  
REV. DATE: May 30, 2017

**P2AO460B OIL**  
**PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

PERMAWICK P2AO460B 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 P2AO460B OIL is hydrolytically stable oil with remarkable thermal and chemical stability and has a wide use range of -40 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 and wear

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
ISO VG	D2422	100
Specific Gravity	D1298	0.84
Color	D1500	<1.0
Flash Point, °C	D92	266
Pour Point, °C	D97	-60
Viscosity, cSt. 40°C	D445	103.2
100°C		14.0
Viscosity Index	D2270	134.4
Neutralization No., mg KOH/gm	D664	0.01
Copper Corrosion		
3 hours @ 100°C	D130	Pass
Evaporation Loss, % mass, grams		
22 hours @ 100°C	D972	0.1
Rust Protection, sea water	D665	Pass
Base Stock		Olefinic

**The World Leader in Fractional Horsepower Motor Lubrication**