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**An ISO9001 Certified Company**

PD P2AO 460 Oil / Permawick

REV. # 2

REV. DATE: February 9<sup>th</sup>, 2007

## P2AO460 Oil

PAO based synthetic lubricant for Sintered Metal Bearings

### DESCRIPTION

PERMAWICK P2AO460 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 P2AO460 OIL is hydrolytically stable oil with remarkable thermal and chemical stability and has a wide use range of -40 to 160°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
- Will not lose lubricating characteristics when contaminated

<u>PERFORMANCE TEST (Oil)</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	100
Gravity, API	D1298	36.1
Specific Gravity	D1298	0.8444
Color	D1500	<1.0
Flash Point, °F	D92	450
Fire Point, Deg F	D92	520
Pour Point, °F	D97	-52
Viscosity, cSt	D445	
40 °C		100
100 °C		14.10
Viscosity Index	D2270	144
Neutralization No., mg KOH/g	D664	0.01
Copper Strip Corrosion	D130	
3 hours @ 212 °F		1B (min)
Evaporation Loss, wt. %	D972	
22 hours @ 210 °F		0.2