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An ISO9001 Certified Company

PD P2AO 180-EPB

REV. #1

REV. DATE: September 29, 2015

P2AO180-EPB Oil

PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK P2AO180 OIL is specially formulated to have an extremely high VI for specialty electric motor applications and has a temperature operating range of -40 to 150°C. P2AO180-EPB OIL is a plastic compatible synthetic lubricant made to provide increased service life and shear stability.

The carefully selected additives contribute to both chemical and thermal stability, providing protection against corrosion, oxidation and wear.

PRODUCT FEATURES

- Very high viscosity Index
- Oxidation and corrosion resistant
- Reduced rate of change of viscosity with temperature change
- 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	0.8313
Color	D1500	0.5
Flash Point, °C	D92	230
Pour Point, °C	D97	<-50
Viscosity, cSt	D445	
40 °C		41.2
100 °C		11.9
Viscosity Index	D2270	299
Neutralization No., mg KOH/g	D664	0.01
Copper Strip Corrosion	D130	
3 hours @ 100°C		1a
Rust Resistance	D665(B)	Pass
Evaporation Loss, wt. %	D972	
22 hours @ 98.9 °C		0.4

Permawick Product Data Sheet

The World Leader in Fractional Horsepower Motor Lubrication