



PermaWick Company
255 E. Brown Street, Suite 100, Birmingham, MI 48009
Phone: 248-433-3500 • Fax: 248-594-3433
sales@permaWick.com
www.permaWick.com

An ISO9001 Certified Company

PD P2AO 300B

REV. # 3

REV. DATE: May 26, 2017

P2AO300B OIL

PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK P2AO300B 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 P2AO300B 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

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
ISO VG	D445	68
Specific Gravity	D1298	0.835
Color	D1500	<1.0
Flash Point, °C	D92	266
Pour Point, °C	D97	-60
Viscosity, cSt. 40°C	D445	62.9
100°C		9.78
Viscosity Index	D2270	139
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		Olefinc