



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 550 PermaWick
 REV. # 3
 REV. DATE: May 30, 2017

P2AO550 OIL AND PERMAWICK

PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK P2AO550 OIL is formulated with polyalphaolefins in conjunction with specifically selected additives to produce a plastic compatible lubricant excelling in hydrolytic, thermal and chemical stability.

PERMAWICK P2AO550 OIL is a lubricant of choice for the fractional horsepower electric motor industry with an operating range of -40 to 205°C.

PRODUCT FEATURES

- Extremely long life
- High viscosity index and low pour point
- Separates readily from water
- Mixes with conventional mineral oils
- Oxidation and corrosion resistance
- Reduced friction and wear

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Gravity, API	D1298	35.2
Specific Gravity	D1298	1.01
Color	D1500	<2.0
Flash Point, °C	D92	275
Fire Point, °C	D92	>300
Pour Point, °C	D97	-55
Viscosity, cSt.	D445	40°C
		100°C
Viscosity, SUS	D88	100°F
		210°F
		78.1
Viscosity Index	D2270	142
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion		
3 hours @ 212°F	D130	1b
Evaporation Loss, % mass, grams		
22 hours @ 210°F	D972	0.4
<u>PermaWick Blend</u>	<u>ASTM Method</u>	<u>Typicals</u>
Fiber Content (Weight)	In-House	14%-19%
Oil Content (Weight)	In-House	86%-81%
Moisture Content	D95	<1.6%

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet