



PermaWick Company
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An ISO9001 Certified Company
 PD PMO300
 REV. # 3
 REV. DATE: June 5, 2017

**PMO300 OIL AND PERMAWICK
 PAO BASED LUBRICANT FOR SINTERED METAL BEARINGS**

DESCRIPTION

PERMAWICK PMO300 Oil is an API category SM lubricant formulated to provide superior performance for sleeve bearings. Synthetic hydrocarbons were selected to give greater oxidation stability and a higher viscosity index. Special oxidation inhibitors have been added to counteract varnish and sludge formation while select anti-wear additives protect against rust, corrosion and wear.

PERMAWICK PMO300 OIL carries greater loads under a wider temperature range than any other product and is considered the "INDUSTRY STANDARD" for bearing lubrication during demanding conditions.

PRODUCT FEATURES

- Extremely long life
- Excellent gear and bearing wear protection
- Low ash
- Shear stable
- Superior low temperature fluidity properties
- Continued protection during periods of high temperature operation
- Useful temperature range: -35°C to 125°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.85
Color	D1500	Amber
Flash Point, °C	D92	238
Pour Point, °C	D97	-57
Viscosity, cSt. 40°C	D445	88.12
100°C		14.15
Viscosity Index	D2270	166
Neutralization No., mg KOH/gm	D664	1.4
Total Base number	D974	7.8
Copper Strip Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, wt%		
22 hours @ 212°F	D972	<1.0
Falex EP	D3233B	1500
CCS@-20°C mPa.s	D5293	1650
<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



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