



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 400

REV. # 5

REV. DATE: November 14, 2019

400 MINERAL OIL SLEEVE BEARING LUBRICANT

DESCRIPTION

PERMAWICK 400 OIL is formulated to provide superior performance for sleeve bearings. Solvent extracted and hydro-treated base stocks 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 400 oil provides the ULTIMATE in performance for sleeve bearings and are the "INDUSTRY STANDARD" in bearing lubrication.

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: -20°C to 100°C

| <u>Performance Test</u> | <u>ASTM Method</u> | <u>Typicals</u> |
|--|---------------------------|------------------------|
| Gravity, API | D1298 | 29.8 |
| Specific gravity | D1298 | 0.88 |
| Color | D1500 | 3.0 |
| Flash Point, °C (°F) | D92 | 215 (495) |
| Fire Point, °C (°F) | D92 | 250 (482) |
| Pour Point, °C (°F) | D97 | -30 (-22) |
| Viscosity, cSt. 40°C | D445 | 76.9 |
| 100°C | | 9.74 |
| Viscosity Index | D2270 | 129 |
| Neutralization No., mg KOH/gm | D664 | 1.5 max |
| Copper Strip Corrosion, 3 hours @ 212°F | D130 | 1b max |
| Evaporation Loss, wt% 22 hours @ 210°F | D972 | 1.0 max |
| Rust Protection | D665 A and B | Pass |
| Falex pin and vee block, lbs | D3233B | 1500 |

The World Leader in Fractional Horsepower Motor Lubrication