



255 East Brown Street, Ste 100, Birmingham, MI 48009
 Phone: 248-433-3500 • Fax: 248-433-1824
 Email: sales@permawick.com
 http://www.permawick.com

PD 280
 REV. # 3
 REV. DATE: Nov 2nd 2006

280 MINERAL OIL SLEEVE BEARING LUBRICANT

DESCRIPTION

PERMAWICK 280 OILS are formulated from a blend of paraffinic base oils and additives that provide protection against oxidation, rust, corrosion and wear. With a special oxidation inhibitor, the oils resist varnish and sludge formation. PERMAWICK mineral oils carry greater loads under a wider temperature range than any comparable product.

PERMAWICK 280 oils provide the ULTIMATE in performance for sleeve bearings and are definitely the "INDUSTRY STANDARD" in bearing lubrication.

PRODUCT FEATURES

- Extremely long life
- Low evaporation
- Very shear stable
- Low pour points and high viscosity index indicate excellent low temperature flow properties and therefore provide continued protection during periods of both low and high temperature operation.
- Excellent lubricating qualities
- Useful temperature range: -20° to 200°F

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Gravity, API	D1298	29.8
Specific gravity	D1298	0.87
Color	D1500	< 3.0
Flash Point, °C (°F)	D92	213 (415)
Fire Point, °C (°F)	D92	249 (478)
Pour Point, °C (°F)	D97	-40 (-40)
Viscosity, Cst. 40°C	D445	56.7
100°C		8.6
Viscosity, SUS 100°F	D445	290
210 °F		57
Viscosity Index	D2270	125 min.
Neutralization No., mg KOH/gm	D664	1.5 max
Copper Strip Corrosion, 3 hours @ 212 deg F	D130	2 max
Evaporation Loss, wt % 22 hours @ 210 deg F	D972	1.0 max
E.P. by Falex pin & vee block(lb)	D3233B	2000
PDSC test (mins)	D6186	39

The World Leader in Fractional Horsepower Motor Lubrication