



**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 PW284

REV. # 5

REV. DATE: June 9, 2017

## **PW284 MINERAL OIL SLEEVE BEARING LUBRICANT**

### **DESCRIPTION**

PERMAWICK PW284 OILS are 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 PW284 oils provide the ULTIMATE in performance for sleeve bearings and are definitely the "INDUSTRY STANDARD" in bearing lubrication.

### **PRODUCT FEATURES**

- Extremely long life
- Excellent gear 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 95°C

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
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 (480)
Pour Point, °C (°F)	D97	-40 (-40)
Viscosity, cSt. 40°C	D445	79
100°C		10.7
Viscosity, SUS 100°F	D445	405
210°F		60-65
Viscosity Index	D2272	117
Neutralization No., mg KOH/gm	D664	1.5
Copper Strip Corrosion 3 hours @ 212°F	D130	1c
Evaporation Loss, wt. % 22 hours @ 210°F	D972	1.0
Rust Protection	D665A and B	Pass

**The World Leader in Fractional Horsepower Motor Lubrication**