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An ISO9001 Certified Company

PD PW280SRPP-810

REV. # 2

REV. DATE: June 9, 2017

PW280SR OIL AND PERMAWICK (PW280SRPP-81) MINERAL OIL BASED BEARING LUBRICANT

DESCRIPTION

PERMAWICK PW280SR 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 PW280SR oils are combined with precision engineered fibers to provide the ULTIMATE in performance for sintered metal and sleeve bearings resulting in the leading "INDUSTRY STANDARD" for bearing lubrication.

PRODUCT FEATURES

- Extremely long life
- Excellent 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

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.869
Color	D1500	L4.5
Flash Point, °C	D92	208
Fire Point, °C	D92	249
Pour Point, °C	D97	-40
Viscosity, cSt. 40°C	D445	52.77
100°C		9.34
Viscosity Index	D2272	161
Neutralization No., mg KOH/gm	D664	0.94
Copper Strip Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, wt. %		
22 hours @ 98.9°C	D972	0.5
Falex pin and vee block (lb)	D3233B	2000
<u>PermaWick Blend</u>	<u>ASTM Method</u>	<u>Typicals</u>
Fiber Content (Weight)	In-House	18% - 20%
Oil Content (Weight)	In-House	80% - 82%
Moisture Content	D95	<1.6%

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet