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An ISO9001 Certified Company

PD 263
 REV. # 5
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**263 MINERAL OIL and 263NP
 SLEEVE BEARING LUBRICANT**

DESCRIPTION

PERMAWICK 263 OIL is 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 263 oil is combined with precision engineered fibers to make **263NP** which provides the ULTIMATE in performance for sintered metal and sleeve bearings resulting in the leading "INDUSTRY STANDARD" for bearing lubrication.

PRODUCT FEATURES

- Excellent 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 95°C

<u>Performance Test: Oil</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° F	D972	2.0 max
Evaporation Loss, wt% 22 hours @ 210° F	D972	1.0 max
E.P. by Falex pin & vee block (lb)	D3233B	1750
PDSC test (mins)	D6186	39
<u>Performance Test: Permawick Blend</u>	<u>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