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An ISO9001 Certified Company

PD 285
 REV. # 2
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285 MINERAL OIL AND PERMAWICK SINTERED METAL BEARING LUBRICANT

DESCRIPTION

PERMAWICK 285 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 additives protect against rust, corrosion and wear.

PERMAWICK 285 oil carries greater loads under a wider temperature range and is considered the "INDUSTRY STANDARD" for bearing lubrication during demanding conditions.

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°F to 200°F (-29°C to 100°C)

Performance Test: Oil

	<u>ASTM Method</u>	<u>Typicals</u>	
Specific gravity	D1298	0.871	
Color	D1500	3.0	
Flash Point, °F (°C)	D92	400 (204)	
Pour Point, °F (°C)	D97	-40 (-40)	
Viscosity, cSt.	D445	40°C	102.7
		100°C	12.7
Viscosity, SUS	D445	100°F	552
		210°F	69
Viscosity Index	D2270	118	
Neutralization No., mg KOH/gm	D664	1.5 max	
Copper Strip Corrosion, 3 hours @ 212°F	D130	1C max	
Evaporation Loss, wt% 22 hours @ 210°F	D972	1.0 max	

Performance Test: PermaWick Blend

	<u>Method</u>	<u>Typicals</u>
Fiber Content (Weight)	In-House	14% - 19%
Oil Content (Weight)	In-House	86% - 81%
Moisture Content (Weight)	D95	<1.6%

The World Leader in Fractional Horsepower Motor Lubrication