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PD 284-NPW-830
 REV. # 1
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284NPW83.0
SINTERED METAL BEARING LUBRICANT

DESCRIPTION

PERMAWICK 284NPW NPW is a mineral based oil and engineered fiber blend is formulated to provide superior performance for sleeve bearings. Highly refined 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, and anti-corrosion additives protect against rust, corrosion and wear.

PERMAWICK 284NPW is blended with a fiber specifically designed to provide easy injection. In addition it will also control oil release rate in motor designs that are vulnerable to leaking.

PERMAWICK 284 OILS carry greater loads under a wider temperature range than any other product and are 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 to 100 °C.

<u>PERFORMANCE TEST FOR OIL</u>	<u>METHOD</u>	<u>TYPICALS</u>
Gravity, API	D1298	29.8
Specific gravity	D1298	0.87
Color	D1500	3.0
Flash Point, °C	D92	213
Fire Point, °C	D92	249
Pour Point, °C	D97	-40
Viscosity, cSt	D445	
40 °C		79
100 °C		10.7
Viscosity Index	D2270	117
Neutralization Number, mg KOH/gm.	D664	1.5 max
Copper Strip Corrosion	D130	
3 hours @ 212 °F		1C max
Evaporation Loss, %	D972	
22 hours @ 210 °F		1.0 max
<u>284NP84.0 BLEND</u>	<u>METHOD</u>	<u>TYPICALS</u>
Fiber content (% Weight)	In-house	13% – 15%
Oil Content (% weight)	In-House	84%±1.0
Moisture Content	D95	<1.6%

Permawick Product Data Sheet

The World Leader in Fractional Horsepower Motor Lubrication