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An ISO9001 Certified Company
 PD PSL 313 PERMAWICK
 REV. # 5
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PSL313 OIL AND PERMAWICK **POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

DESCRIPTION

PERMAWICK PSL313 is a Polyolester based synthetic oil and fiber blend providing the ultimate in performance under the most grueling of conditions. Using the highest quality synthetic base stocks along with a sophisticated synergistic additive package, Permawick PSL 313 is specially formulated for a long service life over a wide temperature range.

A flash point of 100 °F higher than conventional mineral oils provide an increased margin of safety. Low pour point and high viscosity index indicate excellent low temperature fluidity and pumpability.

PERMAWICK PSL313 OIL has a proven quality record and is specifically designed to meet the lubricating needs of FHP motor sleeve bearings

PRODUCT FEATURES

- High film strength
- Low evaporation rate and oxidation resistant
- Very shear stable
- Resists rate of change of viscosity with temperature change
- Excellent anti-sludge and anti-varnish characteristics
- Wide temperature range: -40°F to 300°F (-40°C to +150°C)

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Gravity, API	D1298	11.4
Specific Gravity	D1298	1.01
Color	D1500	1 – 2
Flash Point, °C	D92	240
Fire Point, °C	D92	310
Pour Point, °C	D97	-54
Viscosity, cSt.	D445	40°C
		60
Viscosity, SUS	D445	100°C
		11.5
Viscosity Index	D2270	100°F
		279
Neutralization No., mg KOH/gm	D664	210°F
		65
Copper Strip Corrosion	D130	187
		<2
Evaporation Loss, wt%	D972	3 hours @ 212°F
		1a
Permawick Blend	ASTM Method	22 hours @ 210°F
		0.15
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