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An ISO9001 Certified Company

PD PSL313-LT

REV. # 1

REV. DATE: November 20, 2017

PSL313-LT OIL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PSL313-LT is a Polyolester based synthetic that provides 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 PSL313-LT is specially formulated for a long service life over a wide temperature range.

A flash point much 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-LT 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
- Extremely shear stable
- Resists rate of change of viscosity with temperature change
- Excellent anti-sludge and anti-varnish characteristics
- Wide temperature range: -45°C to 150°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typical</u>
Specific Gravity	D1298	1.01
Color	D1500	2
Flash Point, °C	D92	283
Fire Point, °C	D92	327
Pour Point, °C	D97	-60
Viscosity, cSt. 40°C	D445	54
100°C		8.8
Viscosity Index	D2270	141
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion 3 hours @ 212°F	D130	1a
Evaporation Loss, wt% 22 hours @ 210°F	D972	<0.15
Falx pin and vee block, lbf	D3233(B)	1500

The World Leader in Fractional Horsepower Motor Lubrication