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An ISO 9000 Certified Company
 PD PSL 300NP
 REV. # 3
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PSL300NP

Diester based synthetic lubricant for Sintered Metal Bearings

DESCRIPTION

PSL300 NP is a Diester 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, PSL300 NP Permawick is specially formulated for a long service life over a wide temperature range.

A flash point of 40°C 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.

PSL300 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
- Useful temperature range: -40 to 300°F (-40 to 150°C)

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
Gravity, API	D1298	22.3
Specific Gravity	D1298	0.92
Color	D1500	2.5
Flash Point, ° C	D92	246
Fire Point, °C	D92	310
Pour Point, °C	D97	-54
Viscosity, cSt	D445	
40 °C		62.1
100 °C		11.4
Viscosity Index	D2270	180
Viscosity, SUS	D445	
100 °F		317
210 °F		65
Neutralization No., mg KOH/gm	D664	< 2
Copper Strip Corrosion	D130	
3 hours @ 212 °F		1a
Evaporation Loss, wt. %	D972	
22 hours @ 210 °F		0.8

<u>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

Permawick Product Data Sheet