



PD PSL 400
 REV. # 2
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PSL400 Oil

POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PSL400 Permawick is a Polyolester based synthetic oil 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, PSL400 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 provides an increased margin of safety. Low pour point and high viscosity index indicate excellent low temperature fluidity and pumpability.

PSL400 OIL is specifically designed to meet the lubricating needs of FHP motor sleeve bearings

CHARACTERISTICS

- 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°F to 300°F (-40°C to 150°C)

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
Gravity, API	D1298	9.44
Specific Gravity	D1298	1.004
Flash Point, °C	D92	249
Fire Point, °F	D92	295
Pour Point, °C	D97	-46
Viscosity, cSt	D445	
40°C		74.94
100°C		12.99
0°C		602
-20°C		2870
Viscosity Index	D2270	176
Viscosity, SUS	D88	
100 °F		390
Copper Strip Corrosion	D130	
3 hours @ 98.9°C		1A