



An ISO9001 Certified Company
 PD PSL 1000
 REV. # 3
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Permawick Product Data Sheet

PSL1000 Oil

Polyolester based synthetic lubricant for Sintered Metal Bearings

DESCRIPTION

PSL1000 OIL is a polyolester based synthetic lubricant specifically designed to lubricate bearings in high temperature applications. PSL1000 OIL also has the additional benefit of low volatility and a sub zero pour point. The exceptional flash point provides this lubricant with an operating range up to 500°F

PSL1000 OIL is formulated from the highest quality synthetic base stocks and additives that have proven performance in FHP motors

PRODUCT FEATURES

- Excellent high temperature stability
- Oxidation and corrosion resistant
- Useful temperature range: 0 to 500°F
- Low volatility-reduces oil evaporation
- Energy efficient-does not contain residue forming solids
- Outstanding anti-wear characteristics.

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
Specific gravity	D4052	0.965
Density lbs/gal, (g/ml)	Conversion	8.04 (.965)
Color	D1500	1 - 2
Flash Point, ° C	D92	294
Fire Point, °C	D92	321
Pour Point, °C	D97	-30
Viscosity, cSt	D445	
40 °C		217
100 °C		16.4
Viscosity, SUS	D2161	
100 °F		1,160
210 °F		86.0
Neutralization No., mg KOH/gm	D664	< 2
Four-ball wear, mm @ 40Kg 1200rpm, 1hr @75°C	D4172	0.35
Evaporation Loss, wt. % 10g @ 300°F, 48hrs	D972	-0.98

The World Leader in Fractional Horsepower Motor Lubrication