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An ISO9001 Certified Company
 PD PSL 1000PG
 REV. # 3
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PSL1000 PERMAGEL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PSL1000 Permigel is a polyolester based synthetic lubricant specifically designed to lubricate bearings in high temperature applications. PSL1000 Permigel 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 260°C.

PERMAWICK 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
- Low volatility-reduces oil evaporation
- Energy efficient-does not contain residue forming solids
- Outstanding anti-wear characteristics
- Useful temperature range: -18°C to 260°C

Performance Test: Permigel

	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		PSL1000
Penetration (60 strokes, 25°C)	D217	NGLI #3
Color	Visual	Translucent, Yellow
Drop Point	D566	Without
Pounds/Gallon	Conversion	8.94
Structure		Homogenous

Performance Test: Oil

	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D4052	0.965
Density lbs/gal, (g/ml)	Conversion	8.04 (0.965)
Color	D1500	1 – 2
Flash Point, °C	D92	294
Fire Point, °C	D92	321
Pour Point, °C	D97	-30
Viscosity, cSt. 40°C	D445	217
100°C		16.4
Neutralization No., mg KOH/gm	D664	<2.0
Evaporation Loss, wt. %		
10 hours @ 300°F, 48 hrs	D972	-0.98
Four-Ball Wear, mm @ 40Kg		
12rpm, 1 hr @ 75°C	D4172	0.35

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet