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An ISO9001 Certified Company

PD PSL 1000G

REV. # 2

REV. DATE: June 9, 2017

PSL1000G OIL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK 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 175°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: -20°C to 175°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D4052	0.983
Density lbs/gal, (g/ml)	Conversion	8.20 (0.983)
Color	D1500	1 – 2
Flash Point, °C	D92	282
Fire Point, °C	D92	321
Pour Point, °C	D97	-35
Viscosity, cSt. 40°C	D445	132
100°C		12
Neutralization No., mg KOH/gm	D664	<0.10
Four-ball wear, mm @ 40Kg 1200rpm, 1 hr @ 75°C	D4172	0.35

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet