



PermaWick Company
255 E. Brown Street, Suite 100, Birmingham, MI 48009
Phone: 248-433-3500 • Fax: 248-594-3433
sales@permaWick.com
www.permaWick.com

An ISO9001 Certified Company

PD PSL 1000

REV. # 3

REV. DATE: June 9, 2017

PSL1000 OIL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PSL1000 Oil is a polyolester based synthetic lubricant designed to lubricate bearings in high temperature applications (Up to 200°C). PSL1000 Oil also has the additional benefit of low volatility and high viscosity index. The high flash point enables this lubricant to operate up to 200°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
- Extremely low volatility-reduces oil evaporation
- Energy efficient-does not contain residue forming solids
- Outstanding anti-wear characteristics
- Useful temperature range: -10°C to +200°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D4052	0.98
Density lbs/gal, (g/ml)	Conversion	8.17
Color	D1500	2.0
Flash Point, °C	D92	300
Pour Point, °C	D97	-20
Viscosity, cSt. 40°C	D445	220
100°C		27
Viscosity Index	D2272	150
Neutralization No., mg KOH/gm	D664	<2.0
Evaporation Loss, wt. % 22 hours @ 204°C	D2595	1.99
Back-on-Ring (CoF) @ 5000 Revolutions	D2714	0.11
RPVOT @ 150°C, mins to fail	D2272	525

The World Leader in Fractional Horsepower Motor Lubrication