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An ISO9001 Certified Company

PD PSL 1001

REV. # 2

REV. DATE: June 9, 2017

PSL1001 OIL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PSL1001 Oil is a Polyolester based synthetic lubricant designed to lubricate bearings, in applications where the peak temperature goes as high as 260°C. PSL1001 Oil also has the additional benefit of low volatility and high viscosity index. The high flash point enables this lubricant to operate up to 260°C.

PERMAWICK PSL1001 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/load carrying characteristics
- Useful temperature range: -10°C to 260°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	308
Pour Point, °C	D97	-22
Viscosity, cSt. 40°C	D445	220
100°C		19
Viscosity Index	D2272	95
Neutralization No., mg KOH/gm	D664	<2.0
Evaporation Loss, wt. % 22 hours @ 204°C	D2595	1.72
Block-on-Ring (CoF) @ 5000 Revolutions	D2714	0.074
RPVOT @ 150°C mins to fail	D2272	1180

The World Leader in Fractional Horsepower Motor Lubrication