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An ISO9001 Certified Company

PD PSL 1000

REV. # 6

REV. DATE: June 27, 2016

PSL 1000 Oil

Polyol Ester Based Synthetic Lubricant for Sintered Metal Bearings

DESCRIPTION

PSL1000 Oil is a specialty ester based synthetic lubricant designed to lubricate bearings, in applications where the peak temperature may spike as high 200°C for brief periods. PSL1000 Oil also has the additional benefit of low volatility, corrosion protection and excellent low temp performance. Combined with a high flash point enables this lubricant to operate over a wide temperature range.

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
- Resists oxidation and corrosion
- Recommended temperature range: -20 to 175°C
- Extremely low volatility-reduces oil evaporation
- Energy efficient-does not contain residue forming solids
- Outstanding anti-wear / load carrying characteristics.

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
Specific gravity	D4052	0.96
Density lbs/gal	Conversion	8.01
Color	D1500	2
Flash Point, ° C	D92	290
Pour Point, °C	D97	-27
Viscosity, cSt	D445	
40 °C		220
100 °C		16.8
Viscosity Index	D2272	77
Neutralization No., mg KOH/gm	D664	0.1
Falex Pin and Vee block @ 500lbs for 15 minutes	D2670	Pass
Falex Pin and Vee block @ 700lbs for 15 minutes	D2670	Pass
Evaporation Loss, wt. % Using 10 grams for 6.5hrs at 204°C	In-House	<2.5
Evaporation Loss, wt. % Using 2 grams for 6.5hrs at 204°C	In-House	<2.5
Evaporation Loss, wt.		<2.5