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An ISO9001 Certified Company

PD PSL 300

REV. # 2

REV. DATE: Dec 7th 2006

PSL 300 Oil

Diester based synthetic lubricant for Sintered Metal Bearings

DESCRIPTION

PSL 300 OIL is a synthetic diester based lubricant formulated to resist gumming and rpm fluctuations and minimize wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-35 °F) while providing protection at high temperatures (300 °F).

PSL 300 OILS offer protection and reliability over the widest useful temperature range while still being less expensive per unit cost than comparable material.

PRODUCT FEATURES

- Excellent oxidation resistance and corrosion protection
- Very low evaporation rate
- Moderate load carrying
- Reduces friction for low-wear rates
- Outstanding film strength

APPLICATIONS

- Office, business and computer equipment
- Impregnating fluid for powdered metal bearings, parts and wicks
- Anti-friction bearings

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	68
Color	D1500	2.5
Gravity, API	D1298	22.3
Specific Gravity	D1298	0.92
Flash Point, ° F	D97	475
Pour Point, deg F	D92	-65
Viscosity, cSt	D445	
100 deg F		65
210 deg F		11.68
40 deg C		62.1
100 deg C		11.4
-20 deg F		8000
Viscosity Index	D2270	180
Copper Strip Corrosion	D130	
24 hours @ 212 deg F		1a
Four Ball Wear, 1200 rpm	D2266	
167 deg F, 40 kg, 1 hour, mm		0.8
Four Ball EP, Weld Point, kg	D2783	100

The World Leader in Fractional Horsepower Motor Lubrication