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An ISO9001 Certified Company

PD PSL 213D

REV. # 2

REV. DATE: April 28, 2005

POLYOLESTER BASED OIL

PSL 213D SLEEVE BEARING LUBRICANTS

DESCRIPTION

PERMAWICK PSL 213D OILS are part of an outstanding class of Polyolester based synthetic lubricants which provide the **ULTIMATE** in performance under the most strenuous conditions. High quality synthetic base stocks and carefully selected additives are blended to produce a premium bearing lubricant with excellent thermal and oxidative stability. This provides a long service life over a wide temperature range. Low pour point and high viscosity index indicate excellent low temperature fluidity and pumpability.

PERMAWICK PSL 213D OILS are specifically designed to meet the lubricating needs of FHP motor sleeve bearings and where an EP bearing oil is recommended.

PRODUCT FEATURES

- High film strength
- Low evaporation rate
- Very shear stable
- Oxidation and rust inhibited
- Reduced rate of change of viscosity with temperature change
- Useful temperature range: -50 to 300 °F

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	46
Gravity, API	D1298	10.0
Specific Gravity	D1298	1.000
Color	D1500	< 5
Flash Point, °C	D92	230 min
Fire Point, °C	D92	260 min
Pour Point, °C	D97	-57
Viscosity, cSt	D445	
40 °C	D445	44
100 °C	D445	8.1
-18°C	D341	1400
Viscosity Index	D2270	166
Viscosity, SUS	D445	
100 °F		215
210 °F		54
Neutralization No., mg KOH/gm	D664	< 1.5
Copper Strip Corrosion	D130	
3 hour @ 100 °C		1a
Evaporation loss, wt. %	D972	
22 hours @ 100 °C		0.2

The World Leader in Fractional Horsepower Motor Lubrication