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**An ISO9001 Certified Company**

PD PSL 313 Oil

REV. # 5

REV. DATE: April 7, 2015

## PSL313 Oil

**Polyolester based synthetic lubricant for Sintered Metal Bearings**

### DESCRIPTION

PSL313 OIL is a Polyolester based synthetic lubricant providing the ultimate in performance under the most grueling of conditions. Using the highest quality synthetic base stocks along with a sophisticated synergistic additive package, PSL 313 OIL is specially formulated for a long service life over a wide temperature range.

A flash point of 100 °F higher than conventional mineral oils provide an increased margin of safety. Low pour point and high viscosity index indicate excellent low temperature fluidity and pumpability.

PSL313 OIL has a proven quality record and is specifically designed to meet the lubricating needs of FHP motor sleeve bearings

### PRODUCT FEATURES

- High film strength
- Low evaporation rate and oxidation resistant
- Very shear stable
- Resists rate of change of viscosity with temperature change
- Excellent anti - sludge and anti - varnish characteristics
- Useful temperature range: -40 to 300°F (-40°C to 150°C)

### PERFORMANCE TEST

#### ASTM

#### METHOD

#### TYPICALS

Gravity, API	D1298	11.4
Specific Gravity	D1298	1.01
Color	D1500	1 - 2
Flash Point, ° C	D92	240
Fire Point, °C	D92	310
Pour Point, °C	D97	-54
Viscosity, cSt	D445	
40 °C		60.0
100 °C		11.5
Viscosity Index	D2270	187
Viscosity, SUS	D445	
100 °F		279
210 °F		65
Neutralization No., mg KOH/gm	D664	< 2
Copper Strip Corrosion	D130	
3 hours @ 212 °F		1a
Evaporation Loss, wt. %	D972	
22 hours @ 210 °F		0.15

**The World Leader in Fractional Horsepower Motor Lubrication**