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An ISO 9000 Certified Company  
 PD PSL 313D Oil  
 REV. # 3  
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## PSL313D Oil

Polyolester based synthetic lubricant for Sintered Metal Bearings

### DESCRIPTION

PSL313D is a Polyolester based synthetic oil 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 313D is specially formulated for a long service life over a wide temperature range.

PSL313D is specially formulated to provide low coefficient of friction and exceptional load carrying capacity. Low pour point and high viscosity index indicate excellent low temperature fluidity and excellent film strength at high temperature.

PSL313D has a proven service record and is designed to meet a variety of challenging motor bearing applications.

### PRODUCT FEATURES

- High film strength
- Very high load carrying capacity
- 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 to 150°C)

<u>PERFORMANCE TEST</u>	<u>TEST METHOD</u>	<u>TYPICALS</u>
Gravity, API	D1298	11.4
Specific Gravity	D1298	1.01
Color	D1500	2-3
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	
Neutralization No., mg KOH/gm	D664	< 2
Copper Strip Corrosion	D130	
3 hours @ 212 °F		1a
Rust prevention	D665 A and B	Pass
Evaporation Loss, wt. %	D972	
22 hours @ 210 °F		0.15
Falex pin and vee block load, lb.	D3233B	>3000