



PD PS207
REV 5
REV DATE: Sept 25, 2015

PS 207 Oil

Polyolester based synthetic lubricant for Sintered Metal Bearings

DESCRIPTION

PERMAWICK PSL 207 Oil is a Polyolester based synthetic lubricant which provides the ultimate in performance under the most grueling conditions. Using the highest quality synthetic base stocks and a sophisticated synergistic additive package, this synthetic is formulated for long life over a wide temperature range.

PS 207 oil ensures superior coverage of bearing surfaces with superior heat dissipation abilities.

PS207 oil is specifically designed to meet the needs of FHP motor sleeve bearings and has truly proven their quality in the field.

PRODUCT FEATURES

- Outstanding film strength and wear protection over a wide temperature range
- Low evaporation
- Superior shear stability and load carrying capacity
- Low pour points and high viscosity index indicate excellent low temperature flow properties.
- Excellent oxidation and corrosion resistant and rust inhibition
- Useful temperature range: -45 to 300°F (-43 to 150°C)

<u>PERFORMANCE TEST</u>	<u>METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	32
Specific Gravity, 15.5°C	D1298	0.993
Density, g/cm ³ , 15.5°C	D1298	0.933
Color	D1500	1.5
Flash Point, ° C	D92	245
Pour Point, ° C	D97	-60
Viscosity, cSt, 40°C	D445	30.5
Viscosity, cSt, 100 ° C		6.78
Viscosity Index	D2270	180
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion	D130	
3 hours @ 100 ° C		1A
Evaporation loss, 22hrs 98.8°C wt. %	D972	0.1