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**An ISO9001 Certified Company**  
 PD PSL 207PG  
 REV. # 5  
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**PSL207PG**  
**POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

PERMAWICK PSL 207 PermaGel 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. PERMAWICK PSL 207PG ensures superior coverage of bearing surfaces with superior heat dissipation abilities.

PERMAWICK 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°F to 300°F (-43°C to 150°C)

<b><u>Performance Test: PermaGel</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Base Oil		PS 207
Penetration (60 strokes, 25°C)	D217	NLGI #2 – 3
Color	Visual	Translucent, Light Brown
Drop Point	D566	Without
Density		1.1
Copper Strip Corrosion @ 100°C	D4048	1b
Pounds/Gallon		9.25
Structure		Homogenous
<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.993
Color	D1500	1.5
Flash Point, °C	D92	245
Pour Point, °C	D97	-60
Viscosity, cSt.    40°C	D445	30.5
100°C		6.78
Viscosity Index	D2270	180
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, wt%		
22 hours @ 98.9°C	D972	0.1

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