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An ISO9001 Certified Company
 PD PSL 313
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PSL313PG PERMAGEL
POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

This product is a very high quality, long-life lubricant for a wide range of high and low temperature FHP motor applications where plastic compatibility is not an issue*

- Automotive applications: Wipers, window lifts, seat motors, blowers, radiator cooling fans, all small sintered metal bearing motors
- High-temp (150°C ambient) oven cleaning fan motors, pump motors requiring longer life, exhaust fans, tube axial fans

* Any motor with plastic components should be tested, however Polycarbonates, ABS Resins, Polyphenylene oxide, polysulfones and occasionally polyethylene can be affected by esters.

PRODUCT FEATURES

- High film strength – enables sintered bearings to carry heavier loads
- High quality polyolester = Excellent temperature stability and low evaporation characteristics
- High viscosity index resists temperature changes
- Wide temperature range: -30°C to +150°C

<u>Performance Test: PermaGel</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		PSL313
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Translucent, Light Brown
Drop Point	D566	Without
Density		1.11
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		9.25
Structure		Homogenous

<u>Performance Test: Base Oil</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	1.01
Flash Point, °C	D92	>240
Pour Point, °C	D97	-54
Viscosity, cSt. 40°C	D445	60
100°C		11.5
Viscosity Index	D2270	188
Neutralization No., mg KOH/gm	D664	<2
Evaporation Loss, wt% 22 hours @ 98.9°C	D972	0.15

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet