



Gel Type: PSL313PG
 Rev Level:4
 Rev Date: Nov 29, 2016

PermaWick Company
 3110 PermaWick Drive, Columbus, Indiana 47201
 Phone: 812-376-0703 • Fax: 812-372-1410
 sales@permaWick.com
 www.permaWick.com

PSL313PG PermaGel®

POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED BEARINGS

DESCRIPTION & APPLICATIONS

PermaGel is a plastic-like lubricant in gel form specifically developed to lubricate sintered bearings in fractional horsepower motors. PermaGel greatly extends bearing service life of FHP motor applications and is useful as a backup oil reservoir to ensure against partially impregnated or dry bearings.

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
- 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
- Wide temperature range (-30 C to +150°C)
- High Quality Polyolester = Excellent temperature stability and low evaporation characteristics
- High viscosity index resists temperature changes

PERFORMANCE TEST

PERMAGEL

<u>PERFORMANCE TEST</u>	<u>METHOD</u>	<u>TYPICALS</u>
Base Oil		PSL313
Penetration (60 strokes, 25°C)	D217	NLGI #2-3
Color	Visual	Light Brown, translucent
Drop Point	D566	Without
Density		1.11
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		9.25
Structure		Homogenous

PERFORMANCE TEST

BASE OIL

<u>PERFORMANCE TEST</u>	<u>METHOD</u>	<u>TYPICALS</u>
Specific Gravity	D1298	1.01
Flash Point °C	D92	275
Pour Point, °C	D97	< -65
Viscosity, cSt	D445	
100°F		65
210°F		11.6
Viscosity Index	D2270	188
Neutralization No., mg KOH/g	D664	< 2
Evaporation Loss, wt. %	D972	
22 hours @ 98.9°C		0.15

The World Leader in Fractional Horsepower Motor Lubrication