



**PermaWick Company**

255 E. Brown Street, Suite 100, Birmingham, MI 48009

Phone: 248-433-3500 • Fax: 248-594-3433

sales@permawick.com

www.permawick.com

**An ISO9001 Certified Company**

PD PSL 151NP

REV. # 2

REV. DATE: June 5, 2017

## **PSL151NP**

### **POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

#### **DESCRIPTION**

PERMAWICK PSL 151 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. PERMAWICK PSL 151 ensures superior coverage of bearing surfaces with superior heat dissipation abilities.

PERMAWICK 151 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
- 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°C to 150°C

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.993
Color	D1500	1.0
Flash Point, °C (°F)	D92	246 (475)
Fire Point, °C (°F)	D92	282 (540)
Pour Point, °C (°F)	D97	-57 (-70)
Viscosity, cSt. 100°F	D445	33
210°F		6.92
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
<b><u>PermaWick Blend</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Fiber Content (Weight)	In-House	14% - 20%
Oil Content (Weight)	In-House	86% - 81%
Moisture Content	D95	<1.6%

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

**PermaWick Product Data Sheet**