



**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 301

REV. # 3

REV. DATE: June 5, 2017

## **PSL301 OIL**

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

#### **DESCRIPTION**

PERMAWICK PSL 301 OIL is a polyolester based lubricant that is formulated for long life over a wide temperature range. As a medium viscosity grade lubricant, PSL 310 assures reliability under most adverse conditions.

PERMAWICK PSL 301 OIL is an excellent impregnating fluid for powdered metal bearings, parts and wicks as well as being a superior all around general purpose oil.

#### **PRODUCT FEATURES**

- Low evaporation rate
- Oxidation, corrosion, and rust resistant
- Outstanding film strength – prevents dry-running
- Reduced rate of change of viscosity with temperature
- Low pour points and high viscosity index indicate excellent low temperature fluidity
- Useful temperature range: -40°C to 150°C

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Gravity, API	D1298	9.0
Specific Gravity	D1298	1.007
Flash Point, °C	D92	282
Fire Point, °C	D92	315
Pour Point, °C	D97	-51
Viscosity, cSt. 40°C	D445	59.67
100°C		11.24
Viscosity, SUS 100°C	D445	300
210°C		65
Viscosity Index	D2270	185
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	0.3
Four Ball wear, 1200 rpm 90°C, 40 kg, hr, mm	D2260	0.8
Four Ball EP, weld point, kg	D2783	126

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