



32400 Telegraph Road Bingham Farms, MI 48025  
 Phone: 248-433-3500 • Fax: 248-433-1824  
 Email: sales@permawick.com  
 http://www.permawick.com

An ISO9001 Certified Company

PD PSL 301  
 REV. # 1  
 REV. DATE: 4/18/01

**POLYOLESTER BASED OIL**

**PSL 301  
 SYNTHETIC MEDIUM VISCOSITY LUBRICANT**

**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 to 450 Deg F

<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, Deg F	D92	540
Fire Point, Deg F	D92	600
Pour Point, Deg F	D97	-60
Viscosity, cSt	D445	
100 Deg F		65
210 Deg F		11.5
Viscosity Index	D2270	185
Viscosity, SUS	D88	
100 Deg F		300
210 Deg F		65
Neutralization No., mg KOH/g	D664	0.01
Copper Strip Corrosion	D130	
3 hours @ 212 Deg F		1A
Evaporation Loss, wt. %	D972	
22 hours @ 210 Deg F		0.3
Four Ball wear, 1200 rpm	D2260	
167 Deg F, 40 kg.hr., mm		0.8
Four Ball EP, weld point, kg	D2783	126

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