



**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 HT300  
 REV. # 5  
 REV. DATE: May 23, 2017

**HT300**  
**POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

PERMAWICK HT300OIL is a Polyolester based lubricant that is formulated for long life over a wide temperature range. As a medium viscosity grade lubricant, HT300 assures reliability under adverse operating conditions.

PERMAWICK HT300OIL 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 point & high viscosity index indicate excellent low temp 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	280
Fire Point, °C	D92	316
Pour Point, °C	D97	-51
Viscosity, cSt.	D445	40°C
		100°C
Viscosity, SUS	D88	100°F
		210°F
		59.67
Viscosity Index	D2270	11.24
Neutralization No., mg KOH/gm	D664	300
Copper Strip Corrosion		65
3 hours @ 100°C	D130	185
Evaporation Loss, wt%		0.01
22 hours @ 98.9°C	D972	1a
Four Ball wear, 1200 rpm		0.3
75°C, 40 kg, hr., mm	D2260	0.8
Four Ball EP, weld point, kg	D2783	126

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

**PermaWick Product Data Sheet**