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**An ISO9001 Certified Company**  
 PD HT300-SAN  
 REV. # 3  
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## HT300-SAN

### POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

#### **DESCRIPTION**

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

PERMAWICK HT300-SAN 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 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
		65
Viscosity Index	D2270	185
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion	D130	3 hours @ 100°C
		1a
Evaporation Loss, wt%	D972	22 hours @ 98.9°C
		0.3
Four Ball wear, 1200 rpm	D2260	75°C, 40 kg, hr., mm
		0.8
Four Ball EP, weld point, kg	D2783	126

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