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PD 300FG-W  
 REV. # 1  
 REV. DATE: September 1, 2015

## 300FG-W OIL

### FOOD-GRADE MINERAL OIL FOR SINTERED METAL BEARINGS

#### **DESCRIPTION**

300FG-W OIL is formulated from highly refined white mineral base stocks along with premium additives that provide improved protection against oxidation, corrosion and wear. The refining process produces high purity base oils that are inert, chemically stable and able to meet H1 food grade requirements

300FG-W oil and the PermaWick products made from it, maximizes FHP electric motor bearing life under a wide variety of conditions while providing excellent value.

#### **PRODUCT FEATURES**

- Meets NSF H1 food grade requirements
- Extremely long life
- Low volatility
- Enhanced anti-wear protection
- Low Odor
- Low pour point and naturally high viscosity index
- Superior protection against oxidation
- Useful temperature range: -20°C to 100°C

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific gravity	D1298	0.87
Color	D1500	0.5
Flash Point, deg C	D92	215
Pour Point, deg C	D97	-30
Viscosity, Cst. 40°C	D445	68
100°C	D445	8.5
Viscosity Index	D2270	95
Neutralization No., mg KOH/gm	D664	1.0 max
Copper Strip Corrosion, 3 hours @ 100°C	D130	1a
Evaporation Loss, wt % 22 hours @ 210 deg F	D972	0.5 max
Rust Test (In distilled water)	D665A	Pass
Rust Test (In sea water)	D665B	Pass
Four ball Wear, 1500rpm, 1hr, 300N (mm)	D4172 (B)	0.35
Base Oil Neutrality	USP/NF/EUP	Pass

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