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An ISO9001 Certified Company
 PD PHC450
 REV. # 2
 REV. DATE: June 5, 2017

PHC450 OIL
HYDRO-CRACKED LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK HYDRO-CRACKED (PHC) 450 OIL is formulated from a blend of Hydro-Treated paraffinic base stocks along with premium additives that provide improved protection against oxidation, rust, corrosion and wear. The hydro-treating process provides the high purity base oils that inherently have a wide operating range and low evaporation. PHC 450 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

- Excellent Metal protection
- Outstanding anti-wear properties
- Low pour point and high VI
- Low volatility
- Good thermally and oxidative stability
- Useful temperature range: -20°C to 130°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.87
Color	D1500	L 1.0
Flash Point, °C	D92	241
Pour Point, °C	D97	-40
Viscosity, cSt. 40°C	D445	87
100°C		12
Viscosity Index	D2270	131
Neutralization No., mg KOH/gm	D664	1.5
Copper Strip Corrosion		
3 hours @ 150°C	D130	1b
Evaporation Loss, wt%		
22 hours @ 212°F	D972	1.0
Rust Test, distilled water	D665A	Pass
Rust Test, sea water	D665B	Pass
Falex Pin & Vee block, 15 mins, 900lbs	D2670	Pass
Wear prevention by four ball (scar, mm)	D4172	0.38
RBOT test (mins)	D2272	451

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet