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An ISO9001 Certified Company
 PD PHC300-3
 REV. # 3
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PHC300-3 OIL
MINERAL OIL BASED LUBRICANT FOR ALUMINUM SLEEVE BEARINGS

DESCRIPTION

PERMAWICK PHC300-3 OIL is a custom blend of hydro-cracked paraffinic base stocks with a synergistic anti-wear and anti-oxidation additive package especially designed to lubricate solid aluminum bearings. PHC300-3 oil immediately coats and re-coats aluminum surfaces, preventing oxidation from occurring and providing anti-wear, rust and corrosion protection. PHC300-3 is designed to extend the performance margins of conventional mineral oils.

PRODUCT FEATURES

- Service life exceeds traditional solvent refined mineral based lubricants
- Excellent lubrication for aluminum surfaces
- Very shear stable
- Outstanding wear protection over a wide temperature range
- Controlled frictional performance
- Low evaporation
- Useful temperature range: -10°C to 105°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Gravity, API	D1298	29.3
Specific Gravity	D1298	0.88
Color	D1500	4.5
Flash Point, °C	D92	224
Fire Point, °C	D92	232
Pour Point, °C	D97	-10
Viscosity, cSt. 40°C	D445	59.21
100°C		9.28
Viscosity, SUS 100°F	D445	303.9
210°F		57.5
Viscosity Index	D2270	137
Neutralization No., mg KOH/gm	D664	0.46
Copper Strip Corrosion 3 hours @ 100°C	D130	1
Evaporation Loss, wt% 22 hours @ 98.9°C	D972	1.6

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet