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An ISO9001 Certified Company

PD SHC 68

REV. # 3

REV. DATE: June 15, 2017

SHC68 OIL AND SHC68PG

BLEND OF SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK SHC68 OIL is a blend comprised of PAO's and other synthetic based lubricants formulated to resist oxidation and corrosion while minimizing wear. High viscosity index and low pour point indicate excellent low temperature fluidity while also providing protection at high temperatures.

PERMAWICK SHC68 OIL is optimized for function as an impregnating fluid for powdered metal bearings, parts and wicks and offers protection and reliability over the widest useful temperature range.

The typical service temperature of 130°C will provide 20,000 hrs. or greater of motor life. Extended temperatures up to 160°C can be used for shorter durations.

PRODUCT FEATURES

- Excellent oxidation resistance and corrosion protection
- Very low evaporation rate
- Good load carrying capacity
- Reduces friction for low-wear rates
- Outstanding film strength

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
ISO VG	D2422	68
Density @ 20°C	D1298	0.850
Color	D1500	Straw Yellow
Flash Point, °C	D92	>260
Pour Point, °C	D97	-40
Viscosity, cSt. 40°C	D445	66.28
100°C		10.35
Viscosity Index	D2272	143.2
Copper Corrosion		
24 hours @ 100°C	D130	1a
Evaporation Loss, wt %		
22 hours @ 100°C	D972	0.01
Rust Protection		
3 hours, 60°C	D665B	Pass
Falex pin and Vee Block, 320Kg, 15 mins	D3233 (Modified)	Pass
<u>Performance Test: Permugel</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil	N/A	SHC68 Oil
Color	Visual	Translucent, Yellow
Cone Penetration (60 Strokes, 25°C)	D217	NLGI# 2 – 3
Density (Calculated)	In-House	0.971
Structure	Visual	Homogeneous

The World Leader in Fractional Horsepower Motor Lubrication