



Permawick Company
 255 E. Brown Street, Suite 100, Birmingham, MI 48009
 Phone: 248-433-3500 • Fax: 248-594-3433
 sales@permawick.com
 www.permawick.com

An ISO9001 Certified Company
 PD SHC 68HP-PG
 REV. # 4
 REV. DATE: June 15, 2017

SHC68 OIL AND SHC68HP-PG
PAO/ESTER BLEND OF SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK SHC68HP-PG is a synthetic PAO and ester based lubricant formulated to resist oxidation and corrosion while minimizing wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-35°C) while also providing protection at high temperatures (130°C).

PERMAWICK SHC68HP-PG is optimized for function as a reservoir system for delivery of oil to powdered metal bearings, parts and wicks and offers protection and reliability over the widest useful temperature range.

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
- Resists and repels moisture

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil Composition	N/A	PAO/Ester
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

Permawick Product Data Sheet