



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 32
 REV. # 3
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SHC32 OIL AND SHC32PG
BLEND OF SYNTHETIC LUBRICANTS FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK SHC32 OIL is a blend of Synthetic lubricants formulated to resist oxidation and corrosion while minimizing wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-52°C) while also providing protection at high temperatures (130°C).

PERMAWICK SHC32 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.

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	32
Density @ 20°C	D1298	0.850
Color	D1500	Straw Yellow
Flash Point, °C	D92	>260
Pour Point, °C	D97	-52
Viscosity, cSt. 40°C	D445	30.87
100°C		5.81
Viscosity Index	D2272	133.4
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	SHC32 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