



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 150
 REV. # 2
 REV. DATE: June 15, 2017

SHC150 OIL AND SHC150PG
PAO/ESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK SHC150 OIL 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 (150°C).

PERMAWICK SHC150 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>
Base Oil Composition	IR Scan	PAO/Ester
ISO VG	D2422	150
Density @ 20°C	D1298	0.860
Color	D1500	Straw Yellow
Flash Point, °C	D92	>260
Pour Point, °C	D97	-40
Viscosity, cSt. 40°C	D445	148
100°C		18.5
Viscosity Index	D2272	140.5
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

<u>Performance Test: Permugel</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil	N/A	SHC150 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