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An ISO9001 Certified Company

PD PWS 195PG

REV. # 2

REV. DATE: June 15, 2017

PWS195 PG

THERMAL SILICONE FLUID FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PWS OILS are formulated especially for extremely high temperature applications. Thermal silicone fluids provide protection against oxidation, corrosion and wear. PERMAWICK PWS195 oil carries greater loads under a wider temperature range than any traditional silicone lubricant. PWS195 also provides excellent chemical compatibility, low flammability and low toxicity.

PERMAWICK PWS195 oil provides the ULTIMATE in performance for sintered bearings and is definitely the "INDUSTRY STANDARD" in bearing lubrication.

PRODUCT FEATURES

- Extremely high temp applications not tolerated by Esters or PAO's
- Very long life
- Low evaporation
- Shear stable
- Low pour points and high viscosity index indicate excellent low temperature flow properties and therefore continued protection during periods of both low and high temperature operation
- Better anti-wear protection versus traditional Silicones
- Life expectancy at 250°C is 1500 to 2000hrs

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	1.05
Color	D1500	Clear and Colorless
Flash Point, °C	D92	280
Ignition Temp, °C	D92	484
Pour Point, °C	D97	-40
Viscosity, cSt. 25°C	D445	195
100°C		27
Viscosity Index	D2272	230
Four Ball Wear Test		
75°C 40Kg, 1hr, mm	D4172	1.8

The World Leader in Fractional Horsepower Motor Lubrication