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PWS 68PG and PWS68NP  
REV. #1  
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## PWS68PG and PWS68NP

### DESCRIPTION

PERMAWICK PWS gels and Permawick have been formulated especially for **extremely high temperature** applications. **PWS68 gel and wick is made from conventional silicone oil enhanced with special high temperature additives to increase the oils useful life.** In addition these lubricants provide protection against oxidation and corrosion. PERMAWICK PWS68PG and PWS68NP is designed to be placed around sintered metal bearings where it can be utilized at temperatures up to 180°C. PWS68 also provides excellent chemical compatibility and low flammability.

### 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.
- Cost effective choice to other higher priced high temperature oils

#### Performance Test PermaGel

	<u>ASTM Method</u>	<u>Typical</u>
Specific gravity	D1298	1.1
Color	D1500	Clear to light yellow
Appearance		Translucent Gel
Flash Point, °C	D92	300
Refractive Index (base oil)		1.402
Upper service Temp, °C	D97 (mod)	180
Lower Service Temp, °C	D97 (mod)	-50
Consistency	D217	NLGI #2

#### Performance Test Permawick

	<u>ASTM Method</u>	<u>Typical</u>
Color	D1500	grayish to brownish white
Appearance		fibrous, oily
Flash Point, °C	D92	300
Upper service Temp, °C	D97 (mod)	180
Lower Service Temp, °C	D97 (mod)	-50
Oil % by weight	In-House	84(±1.0%)