



Permawick Company

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PWS 130PG and PWS130NP
 REV. #1
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PWS130PG and PWS130NP

DESCRIPTION

PERMAWICK PWS gels and Permawick have been formulated especially for **extremely high temperature** applications. **PWS130 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 PWS130PG and PWS130NP is designed to be placed around sintered metal bearings where it can be utilized at 220°C with temperature spikes up to 250°C. PWS130 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	1.15
Color	D1500	Clear to light yellow
Appearance		Translucent Gel
Flash Point, °C	D92	285
Refractive Index (base oil)		1.43
Upper service Temp, °C	D97 (mod)	250
Lower Service Temp, °C	D97 (mod)	-42
Consistency	D217	NLGI #2 - 3

Performance Test Permawick

	<u>ASTM Method</u>	<u>Typical</u>
Color	D1500	grayish to brownish white
Appearance		fibrous, oily
Flash Point, °C	D92	285
Upper service Temp, °C	D97 (mod)	220
Lower Service Temp, °C	D97 (mod)	-42
Oil % by weight	In-House	84(±1.0%)