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An ISO9001 Certified Company
 PD PWS 115PG
 REV. # 4
 REV. DATE: June 9, 2017

PWS115 OIL AND GEL

DESCRIPTION

PERMAWICK PWS OILS have been formulated especially for extremely high temperature applications. In addition these oils provide protection against oxidation, corrosion and wear. PERMAWICK PWS115 oil was designed to be impregnated into sintered metal bearings where it could be utilized at temperatures up to 250°C PWS115 also provides excellent chemical compatibility, low flammability and low toxicity.

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 high priced high temperature oils
- Working temperature range: -50°C to 230°C

<u>Performance</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		PWS115
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Translucent, Colorless
Drop Point	D566	Without
Density		1.1
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		9.27
Structure		Homogeneous

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.99
Color	D1500	Clear and Colorless
Flash Point, °C	D92	280
Ignition Temp, °C	D92	484
Pour Point, °C	D97	-70
Viscosity, cSt. 25°C	D445	115 – 125
100°C	D445	31
Viscosity Index	D2270	386

The World Leader in Fractional Horsepower Motor Lubrication

Permawick Product Data Sheet