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PWS 50

REV. # 2

REV. DATE: March 11, 2010

PWS50 Oil

DESCRIPTION

PERMAWICK PWS OILS have been formulated especially for **high temperature** applications. In addition these oils provide protection against oxidation, corrosion and wear. PERMAWICK PWS50 oil was designed to be impregnated into sintered metal bearings where it could be utilized at temperatures up to 190°C PWS50 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 higher priced high temperature oils
- Service Temperature -50°C to 190°C

Performance Test

ASTM Method

Typicals

Specific gravity	D1298	0.96
Color	D1500	Clear and colorless
Flash Point, °C	D92	285
Pour Point, °C	D97	-65
Viscosity, cSt, @25°C	D445	50
Viscosity cSt, @99°C	D445	17
Viscosity Temp Coefficient		0.59
Viscosity Index	D2270	448

The World Leader in Fractional Horsepower Motor Lubrication