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PWS 130

REV. #3

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PWS130 Oil

DESCRIPTION

PERMAWICK PWS OILS have been formulated especially for **extremely high temperature** applications. **PWS130 is enhanced with special high temperature additives to increase the oils useful life.** In addition these oils provide protection against oxidation, corrosion and wear. PERMAWICK PWS130 oil was designed to be impregnated into sintered metal bearings where it could be utilized at temperatures 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

Specific gravity

Color

Flash Point, °C

Ignition temp °C

Pour Point, °C

Viscosity @ 40°C

Viscosity @ 100°C

Viscosity Index

Accelerated thin film oxidation test, 250°C*

Standard oxidation test, 250°C**

ASTM Method

D1298

D1500

D92

D92

D97

D445

D445

D2270

Typical

0.997

Clear to light yellow

280

484

-58

130.5

37

322

1200 hrs.

2000 - 3000 hrs.

Note: Life expectancy depends on a variety of factors such as the environment the motor is in and the bearing material composition

*Standard oxidation test is 25grams of oil in 100ml beaker

**Accelerated oxidation test is 3grams oil in a petri dish