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PWS 101

REV. #1

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PWS101 Oil

DESCRIPTION

PERMAWICK PWS OILS have been formulated especially for applications with a wide temperature range. PWS101 is enhanced with special high temperature additives to increase the oils useful life. In addition, this oil provides protection against oxidation, corrosion and wear. PERMAWICK PWS101 oil was designed to be impregnated into sintered metal bearings where it could be utilized at temperatures as low as -50°C and up to 190°C. PWS101 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

Pour Point, °C

Viscosity, cSt. 40°C
100°C

Viscosity Index

Accelerated thin film oxidation test, 150°C*

ASTM Method

D1298

D1500

D92

D97

D445

D2270

Typicals

0.95

Clear to light yellow

260

≤ -60

29.3

12.46

442

>3000 hrs.

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

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

The World Leader in Fractional Horsepower Motor Lubrication