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**An ISO9001 Certified Company**

PD PSL24A

REV. # 1

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## **PSL24A OIL**

### **SYNTHETIC BEARING LUBRICANT**

#### **DESCRIPTION**

PERMAWICK PSL22A OIL is an ester based bearing lubricant especially formulated for low temperature applications such as Freezer motors. PSL22A has an ultra-low pour point and special stabilizing additives that provide corrosion resistance, oxidation stability, exceptional wear protection and film strength.

The combination of ester based oil and additives oil allow for an improved volatility at elevated temperatures over traditional PAO's. The recommended operating range is -55°C to 60°C with short periods of operation up to 80°C.

#### **PRODUCT FEATURES**

- Very low pour point
- Reduced evaporation rate
- Outstanding film strength and wear protection over a wide temperature range
- Good low temperature viscosity and high viscosity index indicate excellent low temperature flow properties suitable for use in equipment subject to low temperatures.
- Soluble in conventional lubricating oil
- Oxidation resistant

<b>Performance test</b>	<b>Test Method</b>	<b>Typical Result</b>
Specific gravity	D1298	0.867
Color	D1500	1.0
Flash Point, °C	D92	172
Pour Point, °C	D97	-75
Viscosity, cSt @ 40 °C	D445	4.8
Viscosity, cSt @ 100 °C	D445	1.7
Viscosity Index	D2270	145
Neutralization No., mg KOH/gm	D664	0.05
Copper Corrosion, 3 hrs. @ 100 °C	D130	1a
Evaporation Loss, wt. (grams) 24hrs @80°C	D972 Modified	0.24

**The World Leader in Fractional Horsepower Motor Lubrication**