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PSL45  
REV. # 1  
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## PSL45 OIL SYNTHETIC BEARING LUBRICANT

### DESCRIPTION

PERMAWICK PSL45 is a Polyolester based synthetic oil providing the ultimate in performance under the most grueling of conditions. Using the highest quality synthetic base stocks along with a sophisticated synergistic additive package, PermaWick PSL45 is specially formulated for long service life over a wide temperature range.

The combination of ester oil and additives allows for a lower evaporation at higher temperature while allowing for improved performance at very low temperatures. The recommended operating range is -50°C to 130°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

Performance test	Test Method	Typical Result
Specific gravity	D1298	0.92
Color	D1500	2.0
Flash Point, °C	D92	220
Pour Point, °C	D97	-70
Viscosity, cSt @ 40 °C	D445	11
Viscosity, cSt @ 100 °C	D445	3.1
Viscosity Index	D2270	151
Neutralization No., mg KOH/gm	D664	0.05
Copper Corrosion, 3 hrs. @ 100 °C	D130	1a
Evaporation Loss, % mass 22hrs @100°C,	D972 Modified	0.5

The World Leader in Fractional Horsepower Motor Lubrication