



PermaWick Company

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An ISO9001 Certified Company

PD PSL 213 E

REV. # 2

REV. DATE: June 5, 2017

PSL213E OIL

POLYOLESTER BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

PERMAWICK PSL213E OIL is part of an upstanding class of ester based lubricants for use in the fractional horsepower electric motor industry. This provides a long service life over a wide temperature range. Low pour point and high viscosity index indicate excellent low temperature fluidity and pumpability. PERMAWICK PSL213E OIL has remarkable thermal and chemical stability and has a wide use range of -50°C to 150°C.

PRODUCT FEATURES

- High film strength
- Low evaporation rate
- Very shear stable
- Oxidation and rust inhibited
- Reduced rate of change of viscosity with temperature change
- Useful temperature range: -50°C to 150°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	1.00
Color	D1500	<5.0
Flash Point, °C	D92	252
Pour Point, °C	D97	-57
Viscosity, cSt.	D445	40°C
		100°C
Viscosity Index	D2270	198
Neutralization No., mg KOH/gm	D664	<1.5
Copper Strip Corrosion	D130	3 hours @ 100°C
		Pass
Evaporation Loss, wt%	D972	22 hours @ 100°C
		0.2
Rust Protection, sea water	D665	Pass
Base Stock		Ester

PermaWick Product Data Sheet

The World Leader in Fractional Horsepower Motor Lubrication