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**An ISO9001 Certified Company**  
 PD 250  
 REV. # 6  
 REV. DATE: May 9, 2017

**250PG PERMAGEL**  
**MINERAL/SYNTHETIC HYDROCARBON BLEND BEARING LUBRICANT**

**DESCRIPTION**

PERMAWICK’s 250 OIL and PermaGel are unique plastic compatible bearing lubricants formulated from synthetic hydrocarbon base stocks, highly solvent refined mineral oils, and meticulously selected stabilizing additives that provide corrosion resistance, oxidation stability, exceptional wear protection and film strength.

PERMAWICK 250 OIL and PermaGel combine the outstanding lubricating properties of the PERMAWICK mineral oils along with the long service life of synthetics.

**PRODUCT FEATURES**

- Low ash
- Low evaporation rate
- Outstanding film strength and wear protection over a wide temperature range
- Plastic compatible
- Low pour points and high viscosity index indicate excellent low temperature flow properties
- Oxidation resistant

**Performance Test: PermaGel**

	<b><u>Method</u></b>	<b><u>Typicals</u></b>
Base Oil		250 oil
Penetration (60 strokes, 25°C)	D217	NLGI #2 - #3
Color	Visual	Light Brown, translucent
Drop Point	D566	Without
Density		1.10
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		9.17
Structure	Homogenous	

**Performance Test: Base Oil**

	<b><u>Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.995
Flash Point °C	D92	212
Pour Point, °C	D97	-48
Viscosity, cSt	D445	
40°C		53.5
100°C		8.39
Viscosity Index	D2270	127.8
Neutralization No., mg KOH/g	D664	0.2
Evaporation Loss, wt. %	D972	
22 hours @ 98.9°C		0.77

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