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PD P2AO 110PG
 REV. # 5
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P2AO110PG PERMAGEL®

PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION & APPLICATIONS

P2AO110 Permigel is formulated from carefully selected Polyalphaolefins and additives in order to produce a lubricant that is thermally and chemically stable. This product can be used in low temp freezer motors, automotive HVAC to -40°C, power tools and where low torque start-up is needed.

PRODUCT FEATURES

- Long service life
- Low torque start up
- Corrosion and oxidation resistant
- Plastic compatible
- Soluble in mineral oils
- Low pour and high viscosity indicate excellent low temperature fluidity characteristics
- Useful temperature range: -50 to 115 °C

<u>PERFORMANCE TEST PERMAGEL</u>	<u>TEST METHOD</u>	<u>TYPICALS</u>
Base Oil		P2AO 110
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Translucent Brown
Drop Point	D566	Without
Density		0.94
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		7.89
Structure		Homogenous
<u>BASE OIL (P2AO 110)</u>		
Specific Gravity	D1298	0.8246
Flash Point, °C	D92	230
Pour Point, °C	D97	< -65
Viscosity, cSt	D445	
40°C		20.62
100°C		4.45
Viscosity Index	D2270	130
Neutralization No., mg KOH/g	D664	0.07
Evaporation Loss, wt. %	D972	
22 hours @ 210 °F		0.40

The World Leader in Fractional Horsepower Motor Lubrication