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An ISO9001 Certified Company
 PD P2AO 90PG
 REV. # 3
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P2AO90PG PERMAGEL
PAO BASED PLASTIC COMPATIBLE SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

PRODUCT FEATURES

- High film strength – enables sintered bearings to carry heavier loads
- Wide temperature range (-60°C to +180°C)
- High quality polyalphaolefin = Excellent temperature stability and low evaporation characteristics
- High viscosity index resists temperature changes

APPLICATIONS

- Automotive applications: Wipers, window lifts, seats, blowers, radiator cooling fans, sintered metal bearing motors
- Low-temp to moderate temperatures: Freezer motors, blenders, juicers, power tools, plus other high rpm applications
- This product is a very high quality, long-life lubricant for a wide range of high and low temperature FHP motor applications

<u>Performance Test: Permugel</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		P2AO 90
Penetration (60 strokes, 25°C)	D217	NLGI #2
Color	Visual	Brown Translucent
Drop Point	D566	Without
Density		0.94
Copper Strip Corrosion 3 hours @ 100°C	D130	1a
Pounds/Gallon		7.84
Structure		Homogenous
<u>Performance Test: Base Oil</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.820
Flash Point, °C	D92	216
Pour Point, °C	D97	<-65
Viscosity, cSt. 40°C	D445	17.03
100°C		3.88
Viscosity Index	D2270	123
Neutralization No., mg KOH/gm	D664	0.02
Evaporation Loss, wt. %	D972	

The World Leader in Fractional Horsepower Motor Lubrication