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An ISO9001 Certified Company
 PD P2AO 91PG
 REV. # 2
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P2AO91PG 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 91
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, 15.5°C	D1298	0.8203
Color	D1500	
Flash Point, °F (°C)	D92	420 (215)
Pour Point, °F (°C)	D97	<-85 (<-65)
Viscosity, cSt. 40°C	D445	18.0
100°C		3.88
Viscosity Index	D2270	120
Neutralization No., mg KOH/gm	D664	0.02
Copper Strip Corrosion 3 hours @ 100°C	D130	1a
Evaporation Loss, wt% 22 hours @ 98.9°C	D972	0.1
Corrosion (Rust) Protection 55°C, 95% humidity, 140 hours	D1748	Pass

The World Leader in Fractional Horsepower Motor Lubrication