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An ISO9001 Certified Company
 PD P2AO 90 NPW
 REV. # 5
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P2AO90 NPW
PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

PRODUCT FEATURES

- P2AO90-NPW is blended with a fiber allowing easier injection and specifically designed to control oil release rate in motor designs that are vulnerable to leaking.
- High film strength – enables sintered bearings to carry heavier loads
- Food grade formula
- Wide temperature range (-50°C to +110°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</u>	<u>ASTM Method</u>	<u>Typical Values</u>
Gravity, API	D1298	41.06
Specific Gravity	D1298	0.8203
Color	D1500	0.5
Flash Point, °F (°C)	D92	420 (215)
Fire Point, °F (°C)	D92	500 (260)
Pour Point, °F (°C)	D97	<-85 (<-65)
Viscosity, cSt. 40°C	D445	17.0
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°F	D972	0.1
<u>Performance Test: PermaWick Blend</u>	<u>ASTM Method</u>	<u>Typical Values</u>
Fiber content (Weight)	In-House	14% - 19%
Oil Content (Weight)	In-House	86% - 81%
Moisture Content	D95	<1.6%

The World Leader in Fractional Horsepower Motor Lubrication