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An ISO9001 Certified Company
 PD P2AO 550SG
 REV. # 1
 REV. DATE: March 26, 2021

P2AO550SG
PAO BASED SYNTHETIC GREASE FOR ELECTRICAL MOTORS

PRODUCT FEATURES

- High film strength – enables sintered bearings to carry heavier loads
- Wide temperature range (-54°C to +177°C)
- High quality polyalphaolefins = Excellent temperature stability and low evaporation characteristics
- High viscosity index resists temperature changes

APPLICATIONS

- High speed and high temperature applications
- Electrical motors, sliding surfaces, gear trains, electrical components
- 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: Grease</u>	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		Polyalphaolefins
Thickener		Lithium
Penetration (60 strokes, 25°C)	D217	NLGI #2
Color	Visual	Tan, Smooth
Oil Separation, 24 hours	D6184	3.300%
Drop Point, °C		273
Density g/cm ³		0.86
Copper Corrosion @ 100°C	D130	1B
Pounds/Gallon		7.17
Structure		Homogenous

<u>Performance Test: Base Oil</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity, 15.5°C	D1298	0.8278
Flash Point, °C	D92	276
Pour Point, °C	D97	-52
Viscosity, cSt. 40°C	D445	120
100°C		16.9
Viscosity Index	D2270	158
Neutralization No., mg KOH/gm	D664	0.02
Copper Strip Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, % mass, grams		
22 hours @ 98.9°C	D972	0.1

The World Leader in Fractional Horsepower Motor Lubrication