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An ISO9001 Certified Company

PD P2AO 40PG

REV. # 4

REV. DATE: May 23, 2017

P2AO40 PERMAGEL
PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

PRODUCT FEATURES

- Extremely low voltage starts in the coldest ambient conditions (-50°C)
- Very low energy usage = Very high efficiency
- Extends bearing service life in low temp FHP and Sub-FHP motors
- Plastic compatible

APPLICATIONS

- Freezer, refrigeration, ventilation, condensers, fans, blowers, and many other FHP electric motor applications where extremely cold start up and/or low voltage start up conditions apply
- Ideally well suited for low temperature skeleton type motors
- Operating range: -50°C to 60°C

Performance Test: Permagel

	<u>ASTM Method</u>	<u>Typicals</u>
Base Oil		P2AO 40
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Dark Red
Drop Point	D566	Without
Density		0.93
Copper Strip Corrosion 3 hours @ 100°C	D4048	1b
Pounds/Gallon		7.75
Structure		Homogenous

Performance Test: Base Oil

	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.803
Flash Point, °C	D92	160
Pour Point, °C	D97	<-60
Viscosity, cSt. 40°C	D445	5.32
100°C		1.77
Neutralization No., mg KOH/gm	D664	0.01