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*An ISO9001 Certified Company*  
PD P2AO300 FG Oil  
REV. #3  
REV. DATE: December Sep 1, 2015

## **P2AO300FG Oil** **PAO Based Synthetic Lubricant for Sintered Metal Bearings**

### **DESCRIPTION**

P2AO300FG OIL is a high quality synthetic PAO based lubricant formulated to resist oxidation and corrosion while minimizing wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-40°C) while also providing protection at high temperatures (125°C).

P2AO300FG OIL has been developed for use as an impregnating fluid in powdered metal bearings, parts and wicks that be used in any application including food grade rated appliances and motors.

### **PRODUCT FEATURES**

- Food grade quality that meets USDA H1 requirements
- Excellent oxidation resistance and corrosion protection
- Very low evaporation rate
- Good load carrying capacity
- Reduces friction for low-wear rates
- Outstanding film strength

<b>Performance Test</b>	<b>Test Method</b>	<b>Typical</b>
ISO VG	D2422	68
Density @20°C	D1298	0.850
Color	Visual	Straw yellow
Flash Point, °C	D97	>260
Pour Point, °C	D92	-40
Viscosity, cSt @ 40°C	D445	68.1
Viscosity, cSt @ 100°C	D445	10.5
Viscosity Index	D2270	142
Copper Corrosion, 24 hrs @ 100°C	D130	1a
Rust Protection, 3hrs, 60°C	D665(B)	Pass
Falex pin and Vee Block, 320Kg, 15 mins	D3233 (Modified)	Pass
Evaporation loss, wt. %, 22hrs, 100°C	D972	0.01