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**An ISO9001 Certified Company**  
 PD P2AO 250  
 REV. # 2  
 REV. DATE: May 26, 2017

**P2AO250**  
**PAO BASED SYNTHETIC LUBRICANT FOR COMPRESSORS**

**PRODUCT FEATURES**

- Wide operating range (-30°C to 205°C)
- Very low energy usage = Very high efficiency = Low maintenance
- Compatible with mineral oils, plastics, seals and gaskets
- Low explosion hazard
- Excellent thermal and oxidative stability

**PRODUCT FEATURES**

- Rotary screw compressors
- Vane and reciprocating compressors
- EP gas and steam turbines

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
<b>Physical Characteristics:</b>		
Base Oil	FTIR	PAO
Specific Gravity	D1298	0.833
Flash Point, °C	D92	260
Pour Point, °C	D97	-60
Viscosity, cSt.    40°C	D445	46
100°C		7.5
Neutralization No., mg KOH/gm	D664	0.01
Evaporation Loss, % mass, grams 22 hours @ 99°C	D972	<1.0
<b>Surface Characteristics:</b>		
Demulsibility @ 54°C	D1401	40/40/0 (5)
Foaming Test:	D892	
Sequence I (5 min blow/10min settling), ml/ml		0/0
Sequence II (5 min blow/10min settling), ml/ml		0/0
Sequence III (5 min blow/10min settling), ml/ml		0/0
<b>Metal Surface Protection:</b>		
Four ball wear:		
1200rpm, 75°C, 40Kg, 1hr, mm	D4172	0.45
Copper strip corrosion	D130	1A
Rust Test (Synthetic sea water)	D665 (B)	Pass
<b>Thermo-oxidative stability:</b>		
RBOT (mins)	D2272	1979

**The World Leader in Fractional Horsepower Motor Lubrication**