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An ISO9001 Certified Company
 PD P2AO 650 PermaWick
 REV. # 3
 REV. DATE: May 30, 2017

P2AO650 OIL AND PERMAWICK

PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

P2AO550 OIL is formulated with Polyalphaolefins in conjunction with specifically selected additives to produce a plastic compatible lubricant excelling in hydrolytic, thermal and chemical stability.

P2AO550 OIL is a lubricant of choice for the fractional horsepower electric motor industry with an operating range of -40 to 205°C.

PRODUCT FEATURES

- Extremely long life
- High viscosity index and low pour point
- Separates readily from water
- Mixes with conventional mineral oils
- Oxidation and corrosion resistance
- Reduced friction and wear

| <u>Performance Test</u> | <u>ASTM Method</u> | <u>Typicals</u> |
|---------------------------------|--------------------|-----------------|
| Gravity, API | D1298 | 36.2 |
| Specific Gravity | D1298 | 0.844 |
| Color | D1500 | 0.5 |
| Flash Point, °C | D92 | 262 |
| Fire Point, °C | D92 | >300 |
| Pour Point, °C | D97 | -48 |
| Viscosity, cSt. | D445 | 40°C |
| | | 100°C |
| Viscosity, SUS | D88 | 100°F |
| | | 210°F |
| Viscosity Index | D2270 | 133 |
| Neutralization No., mg KOH/gm | D664 | 0.01 |
| Copper Strip Corrosion | | |
| 3 hours @ 212°F | D130 | 1b |
| Evaporation Loss, % mass, grams | | |
| 22 hours @ 210°F | D972 | 0.3 |
| | | |
| <u>PermaWick Blend</u> | <u>ASTM Method</u> | <u>Typicals</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

PermaWick Product Data Sheet