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PD P2AO 550
 REV. # 2
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P2AO550 Oil
PAO Based Synthetic Lubricant for Sintered Metal Bearings

DESCRIPTION

PERMAWICK 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.

PERMAWICK P2AO550 OIL is a lubricant of choice for the fractional horsepower electric motor industry with an operating range of -45 to 125°C.

PRODUCT FEATURES

- **Oxidation and corrosion resistant**
- **Reduced rate of change of viscosity with temperature change**
- **Separates easily from water**
- **Mixes with conventional mineral oils**
- **Reduces friction and wear**
- **Will not lose lubricating characteristics when contaminated**

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
Gravity, API	D1298	35.2
Specific Gravity	D1298	0.8488
Color	D1500	< 2.0
Flash Point, °F (°C)	D92	450(232)
Fire Point, °F (°C)	D92	525(274)
Pour Point, °F (°C)	D97	-55 (-48)
Viscosity, cSt	D445	
40 °C		109.3
100 °C		14.2
Viscosity Index	D2270	142
Viscosity, SUS	D88	
100 °F		550
210 °F		78.1
Neutralization No.mg KOH/g	D664	0.01
Copper Corrosion	D130	
3 hour @ 100 °C		1A
Evaporation Loss, wt. %	D972	
22 hours @ 98.9 °C		0.4

The World Leader in Fractional Horsepower Motor Lubrication