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**An ISO9001 Certified Company**  
 PD P2AO 110L  
 REV. # 4  
 REV. DATE: May 25, 2017

**P2AO110L OIL**  
**PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

PERMAWICK P2AO110L OIL is especially developed for plastic compatibility for use in the fractional horsepower electric motor industry. This lubricant possesses extremely long service life and resists any leakage or washing away that could cause dry running. Low pour point and high viscosity index provide superior low temperature fluidity.

PERMAWICK P2AO110L OIL is hydrolytically stable oil with remarkable thermal and chemical stability and has a wide use range of -40 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

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.82
Color	D1500	<1.0
Flash Point, °C	D92	200
Pour Point, °C	D97	-62
Viscosity, cSt.    40°C	D445	25.50
100°C		6.41
Viscosity Index	D2270	221.5
Neutralization No., mg KOH/gm	D664	0.01
Copper Strip Corrosion		
3 hours @ 100°C	D130	Pass
Evaporation Loss, % mass, grams		
22 hours @ 210°F	D972	0.2
Rust Protection, sea water	D665	Pass
Base Stock		Olefinc