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An ISO9001 Certified Company

PD P2AO 150
 REV. # 1
 REV. DATE: 4/18/01

POLYALPHAOLEFINS

**P2AO150
 SYNTHETIC PLASTIC COMPATIBLE IMPREGNATING FLUID**

DESCRIPTION

PERMAWICK P2AO150 OIL is a member of our line of high performance lubricants specially formulated with select additives to produce a plastic compatible lubricant that is extremely chemically and thermally stable. The flash and fire points are about 100 Deg F higher than conventional mineral oils and therefore provides a greater margin of safety.

PERMAWICK P2AO150 OIL is an excellent choice for the fractional horsepower electric motor industry by extending service life and excelling in both high and low temperature applications.

PRODUCT FEATURES

- Separates readily from water
- Mixes easily with conventional mineral oils making conversion easy
- Oxidation and corrosion resistant
- High viscosity index and low pour point indicate excellent low temperature fluidity
- Reduced rate of change of viscosity with temperature
- Useful temperature range: -50 to 400 Deg F
- Long term hydrolytic stability

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	32
Gravity, API	D1298	38.8
Specific Gravity	D1298	0.8314
Color	D1500	0.5
Flash Point, Deg F	D92	460
Fire Point, Deg F	D92	540
Pour Point, Deg F	D97	-75
Viscosity, cSt	D445	
100 Deg F		34.62
210 Deg F		6.10
Viscosity Index	D2270	136
Viscosity, SUS	D88	
100 Deg F		162
210 Deg F		43.2
Neutralization No., gm KOH/gm	D664	0.01
Copper Strip Corrosion	D130	
3 Hours @ 212 Deg F		1A
Evaporation Loss, wt. %	D972	
22 hours @ 210 Deg F		0.2

The World Leader in Fractional Horsepower Motor Lubrication