



An ISO9001 Certified Company

PD P2AO 300  
REV. # 1  
REV. DATE: 4/18/01

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## POLYALPHAOLEFINS

### P2AO300 SYNTHETIC COMPRESSOR LUBRICANT

#### DESCRIPTION

PERMAWICK P2AO300 OIL is a premium synthetic fluid designed to satisfy or exceed the lubrication needs in Oil Flooded Rotary Vane and Screw Type Compressors. The use of this lubricant prevents viscosity drop in the pressurized section and possible run off of the lubricant with the possibility of dry running.

PERMAWICK P2AO300 OIL has improved compatibility with oil seals, paints and plastics and is an excellent impregnating fluid for powdered metal bearings, parts and wicks.

#### PRODUCT FEATURES

- Excellent oxidation stability and corrosion resistance
- Separates readily from water
- Outstanding film strength
- Increased chemical and thermal stability

<u>PERFORMANCE TEST</u>	<u>ASTM METHOD</u>	<u>TYPICALS</u>
ISO VG	D2422	68
Gravity, API	D1298	34.2
Specific Gravity	D1298	0.854
Flash Point, Deg F	D92	505
Fire Point, Deg F	D92	535
Autoignition Temperature, Deg F	D2155	750
Pour Point, Deg F	D97	-55
Viscosity, cSt	D445	
40 Deg C		66.4
100 Deg C		12.4
-18 Deg C / 0 Deg F		2200
-29 Deg C / -20 Deg F		6200
Viscosity Index	D2270	188
Viscosity, SUS	D445	
40 Deg C		308
100 Deg C		67.9
Conradson Carbon Residue, %	D189	< 0.01
Four Ball Wear, scar diameter	D2266	
steel/steel, 1200 rpm, 40kg		
1 hour @ 167 Deg F		0.5
Demulsibility, 130 Deg F	D1401	40/40/0

The World Leader in Fractional Horsepower Motor Lubrication