



**Permawick Company**  
 3110 Permawick Drive, Columbus, Indiana 47201  
 Phone: 812-376-0703 • Fax: 812-372-1410  
 sales@permawick.com  
 www.permawick.com

PD P2AO 300PG  
 REV. # 5  
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**P2AO300PG PERMAGEL®**  
**PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION & APPLICATIONS**

P2AO300 PERMAGEL is especially developed for plastic compatibility for use in the fractional horsepower electric motor industry.

- **Automotive applications:** Wipers, window lifts, seat motors, blowers, radiator cooling fans, all small sintered metal bearing motors
- **High-temp applications:** pump motors requiring longer life, exhaust fans, tube axial fans, computer fans

**PRODUCT FEATURES**

- Long service life
- Corrosion and oxidation resistant
- Low evaporation
- Low pour and high VI indicate excellent low temperature fluidity characteristics
- Shear stable
- Excellent anti-wear performance
- Useful temperature range: -40 to 140°C

<u>PERFORMANCE TEST PERMAGEL</u>	<u>TEST METHOD</u>	<u>TYPICALS</u>
Base Oil		P2AO 300
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Yellowish, Translucent
Drop Point	D566	Without
Density		0.99
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		8.25
Structure		Homogenous

<u>BASE OIL</u>	<u>TEST METHOD</u>	<u>TYPICALS</u>
Specific Gravity	D1298	0.87
Flash Point, °C	D92	232
Pour Point, °C	D97	-45
Viscosity, cSt	D445	
40°C		58.0
100 °C		8.85
Viscosity Index	D2270	129
Neutralization No., mg KOH/g	D664	0.01
Evaporation Loss, wt. % 22hrs, 100°C	D972	0.1

**The World Leader in Fractional Horsepower Motor Lubricatio**

**PermaGel Product Data Sheet**