



**PermaWick Company**  
 255 E. Brown Street, Suite 100, Birmingham, MI 48009  
 Phone: 248-433-3500 • Fax: 248-594-3433  
 sales@permawick.com  
 www.permawick.com

**An ISO9001 Certified Company**  
 PD P2AO 350PG  
 REV. # 5  
 REV. DATE: May 30, 2017

**P2AO350PG PERMAGEL**  
**PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

P2AO350 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°C to 125°C

<b><u>Performance Test: Permugel</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Base Oil		P2AO 350
Penetration (60 strokes, 25°C)	D217	NLGI #3
Color	Visual	Translucent, Yellow
Drop Point	D566	Without
Density		0.99
Copper Corrosion @ 100°C	D4048	1b
Pounds/Gallon		8.25
Structure		Homogenous

<b><u>Performance Test: Base Oil</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.8373
Flash Point, °F	D92	250
Pour Point, °F	D97	<-60
Viscosity, cSt.    40°F	D445	75.78
100°F		11.76
Viscosity Index	D2270	160
Neutralization No., mg KOH/gm	D664	0.01
Evaporation Loss, % mass, grams		
22 hours @ 210°F	D972	0.4

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