



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 90CS
 REV. # 3
 REV. DATE: May 24, 2017

P2AO90CS OIL
PAO BASED SYNTHETIC LUBRICANT FOR ELECTRICAL MOTORS

PRODUCT FEATURES

- High film strength – enables sintered bearings to carry heavier loads
- Wide temperature range (-50°C to +110°C)
- High quality polyalphaolefin = Excellent temperature stability and low evaporation characteristics
- High viscosity index resists temperature changes

APPLICATIONS

- Automotive applications: Wipers, window lifts, seats, blowers, radiator cooling fans, sintered metal bearing motors
- Low-temp to moderate temperatures: Freezer motors, blenders, juicers, power tools, plus other high rpm applications
- This product is a very high quality, long-life lubricant for a wide range of high and low temperature FHP motor applications

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Gravity, API	D1298	41.06
Specific Gravity	D1298	0.8203
Color	D1500	0.5
Flash Point, °F (°C)	D92	420 (215)
Fire Point, °F (°C)	D92	500 (260)
Pour Point, °F (°C)	D97	<-85 (<-65)
Viscosity, cSt. 40°C	D445	17.0
100°C		3.88
Viscosity, SUS 100°F	D88	90.7
210°F		39.2
Viscosity Index	D2270	120
Neutralization No., mg KOH/gm	D664	0.02
Copper Strip Corrosion		
3 hours @ 100°C	D130	1a
Evaporation Loss, wt. %		
22 hours @ 98.9°F	D972	0.1

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet