



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 110FG
REV. # 2
REV. DATE: May 25, 2017

P2AO110FG (FOOD GRADE) OIL
PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS

DESCRIPTION

P2AO110FG is food grade oil formulated from carefully selected Polyalphaolefins and additives in order to produce a lubricant that is thermally and chemically stable.

This product can be used in low temp freezer motors, automotive HVAC to -40°C, power tools and where low torque start-up is needed.

PRODUCT FEATURES

- Food grade
- Long service life
- Low torque start up
- Rust, corrosion and oxidation resistant
- Plastic compatible
- Soluble in mineral oils
- Low pour and high viscosity index indicate excellent low temperature fluidity characteristics
- Useful temperature range: -50°C to 125°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Specific Gravity	D1298	0.8246
Flash Point, °C	D92	230
Pour Point, °C	D97	<-65
Viscosity, cSt. 40°C	D445	20.62
100°C		4.45
Viscosity, SUS 100°F	D88	118
210°F		42.0
Viscosity Index	D2270	130
Neutralization No., mg KOH/gm	D664	0.07
Copper Strip Corrosion 3 hours @ 100°C	D130	1a
Evaporation Loss, % mass, grams 22 hours @ 210°F	D972	0.40
Corrosion (Rust) Protection 55°C, 95% humidity, 140 hours	D1748	Pass

The World Leader in Fractional Horsepower Motor Lubrication