



**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 110T  
 REV. # 1  
 REV. DATE: April 19, 2021

**P2AO110T OIL (Tackifier Enhanced)**  
**PAO BASED SYNTHETIC LUBRICANT FOR SINTERED METAL BEARINGS**

**DESCRIPTION**

PERMAWICK P2AO110T OIL is a plastic compatible synthetic lubricant formulated to provide increased service life and shear stability. This specialty based PAO uses carefully selected additives that provides tack and stringiness to the formula. Antioxidants and metal deactivators contribute to both chemical and thermal stability. Flash and fire points are higher than conventional mineral oils and therefore substantially increase the operational safety margin.

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**

- Provides stringiness and tack to base oil.
- Low torque start up
- 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 115°C

<b><u>Performance Test</u></b>	<b><u>ASTM Method</u></b>	<b><u>Typicals</u></b>
Specific Gravity	D1298	0.8246
Flash Point, °C	D92	230
Pour Point, °C	D97	<-65
Color	D1500	0.5
Viscosity, cSt. 40°C	D445	34.16
100°C		13.70
Viscosity Index	D2270	417
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

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

**PermaWick Product Data Sheet**