

Product Data Sheet

AT-10 AIR TOOL OIL™

General Information

- Designed for all piston & rotary-type air tools **
- Lubricants, cleans & protects – all in one product
- Contains MPC's MT-10 Metal Treatment™ for increased lubricity & boundary film lubrication

Key Features & Benefits

- Repels air line moisture & water spray
- Provides improved air tool performance
- Lubricates, cleans & protects
- Removes gummy deposits
- Stops & inhibits rust
- Reduces replacement & maintenance costs
- Extends air tool life

Typical Applications

- Impact wrenches
- Ratchet wrenches
- Air nailers & staplers
- Hammers
- Sanders
- Shears
- Grinders
- Polishers
- Drills
- Screwdrivers
- Needle scalers
- Chisels
- Air pullers
- Saws
- Paving breakers
- Riveters
- Tampers
- Rock drills

- All piston & rotary-type air tools, both automotive & industrial **

Directions for Use

Shake product lightly. Use in accordance with air tool manufacturer's instructions. Tools may need lubricated daily, or several times a day, depending on the frequency and prolonged usage of the tool.

**** Important Notice:** AT-10 Air Tool Oil™ is a petroleum-based product. If there are rubber o-rings in your air tool, do not use this product, or any other petroleum-based oil. The use of petroleum oil may cause the rubber o-rings to swell. We have received a few reports that some air-operated equipment has been rebuilt (or imported) with rubber o-rings. Rubber is used because it is less expensive than neoprene. When having your air tools rebuilt or purchasing new air-operated equipment, check with your supplier to ensure you are receiving quality, non-rubber o-rings.

Availability

- 4-oz. & 16-oz. bottles
- 1-gallon & 5-gallon containers
- 55-gallon drum

Typical Properties

Boiling point 548°F
Flash point (D-92 COC) 338°F/170°C
Specific gravity @ 15°C (60°F) 0.9509
Pour point (D-97) -49°F/-45°C
Auto ignition temp (D-2155) . . 469.4°F/243°C
Cloud point (D-2500) 14.36°F/-9.8°C
Fire point (D-92) 370°F/188°C
Rust preventative (D-665) Pass - No rust

Kinematic viscosity (D-445):

- a. Viscosity @ 100°F/38°C cst 25.05 cps
- b. Viscosity @ 104°F/40°C cst 21.7 cps
- c. Viscosity @ 210°F/99°C cst 3.96 cps
- d. Viscosity @ 212°F/100°C cst 3.81 cps

Falex load carrying capacity in accordance with Paragraph 4.7 of MIL-L-63460D – Exceeding 60 seconds @ 500 lbs., 810 lbs. @ actual load

Load wear index (4 Ball EP D-2783):

Load wear index 61.33

Last non-seizure (scar) 100 kg (0.61 mm)

Last seizure (scar) 315 kg (2.57 mm)

Weld load, kg 400 kg

Falex Pin + V Block Test (D-3233) Procedure A: 4,500 lb. gauge, 120°F pre-heat

300 lb. load starting/final torque: 2 lb-in.

1075 lb. true load starting torque: 2 lb-in.

. . . . final torque: 24 lb-in seizure

Odor Mild cinnamon

Appearance Light red liquid

Solubility in water Insoluble

Material Safety Data

- **Ingestion:** Do not induce vomiting. Call a physician immediately.
- **Eye Contact:** Flush with water for 15 minutes. Call a physician if irritation persists.
- **Skin Contact:** Wash thoroughly with soap & water. Call a physician if irritation occurs.
- **Storage:** Do not store in temperatures above 130°F.
- For additional information, please refer to Material Safety Data Sheet (MSDS).

Freight Classification

- **Classification:** Lubricating Oil
- **Hazard Class:** Nonhazardous
- **Packing Group:** N/A



“The Strength in Lubrication”[®]
752 Kilgore Road
Jackson Center, PA 16133
Phone: 800-227-7049
814-786-0166
Fax: 814-786-7321
Website: www.mpclubricants.com