PRODUCT DATA SHEET

PT-101 MOLLY SPRAY

PTI TECHLUBE SERIES

DESCRIPTION

Moly spray is unequaled as a lubricant for machine tools, plastic molding machines, paper and textile making equipment, oven mechanisms, and sheet metal and tube bending operations. It is highly recommended for use wherever pressures or temperatures are extreme or environmental conditions render liquid lubricants undesirable. In field tests, **Moly Spray** has proven superior for widely diversified uses. It is outstanding in numerous industrial and military applications including automobile mechanisms, sporting equipment, office machines, lathes, milling machines, planers, presses, chucks, arbors, bearings, universal joints and controls, and adjustments. **Moly Spray** is also effective in broaching cold swaging, drawing, stretching, forming, and press-fit operations.

Moly Spray excels as a lubricant, anti-galling, or separating agent on steel, steel alloys, cast iron, aluminum or aluminum alloys, copper alloys, lead and zinc alloys, titanium, wood, rubber, plastics, ceramics and glass.

COLORS

This grease comes in a dark gray, black color.

MOLY SPRAY PROPERTIES & CHARACTERISTICS

Thermal Stability	-100°F to 750°F
Chemical Toxicity	Inert
Flash Point	45°F
Boiling Range	231°F to 232°F
Anti-Galling Characteristics	Excellent
Friction Coefficient	Low under extreme pressures
Weight (pounds per gallon)	8.85 lbs.
VOC	810 g/l
Specifications	MIL-M-7866A

SHELF LIFE

Shelf life is only applicable for materials stored in unopened and undamaged original factory filled containers.
1 year when stored between 50°-85° Fahrenheit.

APPLICATION

1. All parts must be chemically or mechanically cleaned and prepared according to the original manufactures instructions. For chemical cleaning Isopropyl Alcohol or Acetone are recommended to remove grease, oils and debris.
2. Shake the aerosol can for 2 to 5 minutes until the can starts to rattle.
3. Apply the Moly Spray directly to the surface.

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NOTE: Application of PTI products requires the use of all OSHA approved safety equipment, including proper ventilation. Additionally, PTI products require the recommended temperature/humidity conditions and film thickness ranges for optimal performance. The material, hangar, and aircraft skin temperatures should be no lower than 75° F / 25° C before, during and after application.

HEALTH, SAFETY, & STORAGE REQUIREMENTS

Refer to each individual material SDS (Safety Data Sheet) for specific requirements on the health, safety, storage and handling requirements. Follow all local, state, and national regulations during surface preparation, material application and cleanup.

PRODUCT INFORMATION & DISCLAIMER

Product Data Sheets are periodically updated to reflect new information. It is important to use the latest and most recent revision for the product being used. The foregoing information is accurate to the best of our knowledge. However, due to differences in customer handling, use and method of application which are not known and are beyond our control, Products Techniques, Inc. makes no warranties as to the end result.