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MOLY-AP™ Metal Assembly Paste

Product Description

MOLY-AP Extreme-pressure lubricant for metal assembly and maintenance. Extreme pressure lubricant reduces wear on parts during breaking-in and new-parts assembly.

Physical Form

Paste form of molybdenum disulfide and other lubricating solids in mineral oil.

Features & Benefits

- Low coefficient of friction
- Reduces wear during break-in period
- Temperature range: Solids are effective from 0° to 750°F (18° to 399°C); base oil vehicle 0° to 250°F (18° to 121°C).

Applications Include

Lubricating Threaded Connections, Gears, Chains, Conveyor Tracks, Lubricating during Metal Forming, General Parts Assembly, Press-Fitting, Cold Extrusion, Breaking-in of Bearings, Movable Screws, Splines, Cams, and more.

Typical Properties

Property	Value
Appearance	Buttery
Color	Gray-Black
Consistency, penetration, unworked	280 to 310 mm/10
Specific Gravity	1.30
Approximate Service Temperature Range:	
Solid Lubricant	0° to 750°F (-18° to 399°C)
Base Oil	0° to 250°F (-18° to 121°C)
Four Ball Wear Scar (80 kg, 1 hour, 1200 rpm, steel vs. steel)	0.75 mm
Four Ball Wear Load	499 kg (1100 lb)
Four Ball Wear Index	96.8
Effect on Copper Strip, After 2 Hours at 212°F (100°C)	#1, No Discoloration

Special Properties

Low coefficient of friction.

Restrictions

Not recommended for use in pressure lines or grease guns; mineral oil content may affect plastic or rubber; reduce torque values by 1/3 when used on threaded connections.

Temperature Range

Base oil vehicle 0° to 250°F;
Solids are effective from 0° to 750°F.

Application Method

Apply thin coating. Burnish into metal surface by rubbing with a lint-free cloth. Remove excess.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

3 oz tube	16 oz tub	10# can	50# pail
43003	43016	43030	43050

ANTI-SEIZE TECHNOLOGY

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