



www.antiseize.com

# MOLY-LIT™

## Molybdenum Disulfide Based Anti-Seize Compound

### Product Description

**Moly-Lit™** is an extra heavy-duty, extreme-pressure, and low-friction Anti-Seize Compound and lubricant. It offers a high concentration of molybdenum disulfide, graphite, and other anti-wear solids in a high-performance carrier. **Moly-Lit™** is designed for highly loaded parts in difficult installations. It features larger particle size fillers for maximum performance on larger parts. Use it to protect valuable parts and equipment to temperatures up to 2,400°F (1,315°C).

**Moly-Lit™** Anti-seize compound delivers maximum performance for highly loaded fasteners subjected to high shock loads. Recommended for threads, pipes, valves, and equipment carrying ethylene, acetylene, and other services where copper contamination must be avoided.

Meets the Performance Requirements of MIL-PRF-907E.

### Features & Benefits

- Designed for Heavily Loaded threaded assemblies
- Works where other compounds fail
- Protects against seizing and galling
- Excellent for Stainless Steel applications
- Long-term protection against rust and corrosion
- Reduces friction on all metal surfaces
- Protects load bearing surfaces during critical wear-in

### Applications include

Heavy Duty Construction Machinery, punch press machines, Marine Applications, Mining Equipment Trucks and Buses, Refineries, Process Plants and many more.

### Clean up

**Skin Contact:** Under normal usage - removal from skin with soap and water.

**Equipment:** Mineral Spirit type solvents work best.

### Shelf Life

Moly-Lit™ has a shelf life of 5 year or more when stored in a closed container. Shelf life may be much longer depending upon storage location and conditions. Store with container tightly sealed in a cool dry place for optimum shelf life. If slight separation occurs, stir product.

### Typical Properties

Property	Value
Specific Gravity	1.38
Weight per gallon	11.5 LB
Penetration, D217-60T, 100-3000 Strokes	290 - 320
Oil Separation, 30 hr. at 158°F	1%
Flash point, ASTM D-92-85 (IP 36/65)	450°F
Color	Black
Friction Coefficient	0.085
Torque Coefficient "nut factor"	K Values 0.15 ± 0.02. Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.
Solid Lubricants Graphite Molybdenum Disulfide	48%
Carrier plus Additive	52%
RoHS	Compliant

### Cautions

Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested & evaluated for a particular purpose prior to use. See Warranty Statement in our Catalog or on our Website. Not suitable for food grade applications.

### 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:

2oz BT	3oz tube	8oz Tube	10 oz BT	18 oz Cart	20 oz can.
12002	12003	12008	12012	12015	12016

20oz BT	2 1/2# can	10# can	50# pail	130# drum	500lb drum
12018	12032	12035	12050	12130	12500

SLICKON Bolt Dip & Brush Applicator,	8oz Refill Tube
P/N:	12338 12008

BT=Brush Top, Cart=Cartridge