



# EP MOLY-A GREASE

## (Wash-Resistant Aluminum Complex Grease)

**EP MOLY-A GREASE** is an NLGI 1 grade, specialty grease designed for a wide range of applications. It is compounded from selected base oils, an aluminum complex thickener, moly (molybdenum disulfide) and graphite.

This type of thickener used in **EP MOLY-A GREASE** yields some specific benefits under adverse wet climates that are found in coastal or marine applications.

**EP MOLY-A GREASE** forms highly water-resistant and corrosion-resistant grease making it useful in applications for both corrosion protection and industrial lubrication.

**EP MOLY-A GREASE** has exceptional mechanical stability, very high load carrying properties and excellent thermal stability. Aluminum complex greases are often utilized in hot wet and hostile environments such as steel mills.

**\*\*Note:** aluminum complex greases have a reputation of hardening upon storage (ie unworked penetration decreases). Upon working these greases the greases will once again fall into the correct NLGI grade. Also some competitive aluminum greases (but not EP MOLY-A grease) excessively bleed oil upon heating.

### BENEFITS:

- CORROSION RESISTANT
- EXCELLENT RESISTANCE TO WATER WASH OFF
- STRONG ADHESION TO SURFACES
- LONG TERM STABILITY
- HIGH SOLIDS CONTENT

### APPLICATIONS

**EP MOLY-A GREASE** is highly recommended for lubrication of slow-moving, highly loaded bearings operating at less than 500 rmp.

**EP MOLY-A GREASE** is recommended for kiln car wheel bearings, walking dragline mechanisms, oven door hinges, oven conveyors, blowers and furnace fan bearings in severe service applications.

**EP MOLY-A GREASE** is recommended for applications calling for extreme pressure (EP) grease with high solids content.



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### TYPICAL CHARACTERISTICS

NLGI Grade	1
Product Code	39593
Thickener Type	Aluminum Complex
Color	Grey
Texture	Smooth
Worked Penetration (ASTM D-217)	325
Base Oil Viscosity	
cSt @ 40°C	170
SUS @ 100 °F	850
Soap content, wt%	<10%
Dropping Point (ASTM D-566) °F (°C)	480 (249)
Oil Separation (ASTM D-1742) %	<5%
Timken OK load, D 2509	40 min
4-Ball EP weld load, kg	400
Water resistance	Excellent
Oxidation life (D 942), psi drop after 1000 hours	5 max
Rust Test (D 1743)	Pass
Copper corrosion rating (D 130)	1B
Approximate Temperature Range	0-275° F

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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