



### Overview

#202 MOLY-LITH™ is a black, thermally stable, lithium 12-hydroxystearate soap grease containing microfine molybdenum disulfide (MoS<sub>2</sub>), antioxidants & rust inhibitors. #202 MOLY-LITH™ has a dropping point of 390°F (199°C), is water resistant and displays excellent work stability under high loads, high speeds, shock and vibration. Sub-micron particles of Molybdenum Disulfide, blended into the superior lubricating grease base, contribute to the good load carrying and low friction characteristics.

#202 MOLY-LITH™ is an all-weather product which lubricates efficiently at temperatures down to -20°F (-29°C) to 350°F (177°C). It contains rust, corrosion and oxidation inhibitors. #202 MOLY-LITH™ gives unexcelled protection wherever dirt, dust, high humidity, rain and adverse temperatures are critical problems.

### Features/Benefits

- Lithium based grease
- Contains Molybdenum Disulfide (MoS<sub>2</sub>) for friction reduction, and high load capacity
- Superior metal adhesion
- Pumpable
- Resistant to water, heat, weathering and oxidation
- Excellent work stability
- Color – Black

### Applications

#202 MOLY-LITH is recommended for automotive and industrial applications, including all grease fittings where a semi-solid or plastic consistency grease is normally used. Also for use in grease cups, pre-sealed bearing, and for general chassis lubrication.

### Method of Application

Cartridge

### Identification

General Purpose Grease

### Size

14 oz.

### Directions for Use

Apply grease generously to equipment in need of lubrication. Reapply as needed. This can range from 2 years for standard duty equipment, to monthly for heavy duty, high speed machinery.

### Technical Specifications

- THICKENER: Lithium Soap
- FLUID TYPE: Lubricating Oil
- COLOR/APPEARANCE: Black Paste
- DROPPING POINT (ASTM D-566): 390°F (199°C)
- BASE OIL VISCOSITY (ASTM D-445) cSt @ 40°C: 100-160
- SPECIFIC GRAVITY: 0.91
- DENSITY (lb./gal): 7.6
- ADDITIVE TYPE: EP/AW & MoS<sub>2</sub>
- FLASH POINT (ASTM D-92): 430°F (221°C))
- AUTOIGNITION POINT (CALCULATED): >500°F (260°C)
- NLGI GRADE: 2
- APPROX. SAFE DN LIMIT: 300,000
- PENETRATION @ 77°F: 265 - 295 (ASTM D-217)
- COPPER STRIP CORROSION: 1A (ASTM D-4048)
- 4-BALL (ASTM D-2596) WELD POINT, kgf: 250  
LOAD WEAR INDEX: 35
- WEAR SCAR DIAMETER (ASTM D-2266): 0.6
- OXIDATION RESISTANCE (ASTM D-942) PSI Drop 100 hours: <5.0

