



# LSG LITHIUM COMPLEX 150 3% MOLY GREASE NO. 1 & 2

Lithium Complex Grease with Moly for Extreme Pressure  
& High-Temp Agriculture & Forestry Applications.

Ideal for Heavy-Duty Machinery in Demanding Farm and  
Forest Operations.

# LSG LITHIUM COMPLEX 150 3% MOLY GREASE NO. 1 & 2

**LONE STAR**  
GREASE & LUBRICANTS

Is a heavy-duty lithium complex grease fortified with 3% molybdenum disulfide (Moly), engineered to provide superior protection for agriculture and forestry equipment operating under extreme conditions.

This grease delivers excellent performance in high-load and high-shock environments where failure is not an option, whether it's during planting, harvesting, or timber felling.

The Moly technology creates a solid lubricating layer on metal surfaces, significantly reducing friction and wear in heavily loaded pivot points, pins, bushings, and joints—especially those exposed to high loads and impact such as in tractors, combines, logging skidders, feller bunchers, and heavy implements.

Designed for extended performance in high temperatures and high-load environments, this grease maintains its consistency and protection even under sustained loads and extreme heat from continuous operation.

Its superior water resistance ensures protection in wet, muddy, or dusty environments commonly found in fields, forests, and during seasonal operations.

With excellent mechanical stability and rust protection, **LSG Lithium Complex 150 3% Moly Grease No. 1 & 2** helps extend equipment service intervals, reduce downtime, and minimize costly component replacements, keeping critical agricultural and forestry operations moving efficiently in the toughest field conditions.

## KEY FEATURES

- **Lithium complex thickener** for superior thermal and mechanical stability, crucial for year-round agricultural and forestry demands.
- **Fortified with 3% Molybdenum Disulfide (Moly)** technology for enhanced EP (Extreme Pressure) protection and reduced wear on heavily loaded, oscillating components.
- **Excellent load-carrying capacity** for severe-duty service, protecting bearings and pins in heavy implements and forestry attachments.
- **Outstanding resistance to water washout, oxidation, and rust**, vital for equipment exposed to rain, mud, sap, and seasonal changes.
- **Available in NLGI No. 1 and No. 2 consistency** for versatile application methods and temperature ranges.



## CUSTOMER BENEFITS

- ✓ Protects against metal-to-metal contact under high loads and shock, extending the life of expensive farm and forestry machinery.
- ✓ Ideal for slow-moving, high-load pivot points and sliding surfaces, common in linkages, booms, and cutting heads.
- ✓ Resists degradation in high-temperature and wet environments, ensuring reliable lubrication through all seasons and conditions.
- ✓ Increases equipment uptime and reduces relubrication frequency, leading to greater productivity and lower operational costs.
- ✓ Stays in place during operation and heavy loads, minimizing grease loss and ensuring continuous protection.

## APPLICATIONS

**LSG Lithium Complex 150 3% Moly Grease No. 1 & 2** is recommended for:

- **Heavy-duty agricultural machinery:** Tractors, combines, planters, cultivators, sprayers, balers, and implements.
- **Forestry equipment:** Skidders, feller bunchers, forwarders, de-limbers, chippers, and other logging machinery.
- **Pivot pins, bushings, universal joints, and fifth wheels** on all types of farm and forest vehicles.
- **Chassis lubrication** under high shock loads, common on rough terrain and loading.
- **Greased joints** in dusty or wet working conditions, such as those encountered during tillage or timber harvesting.
- Any heavy-duty off-road equipment in the agriculture and forestry sectors requiring robust lubrication.

## PACKAGING:



Cartridges  
14 oz.



Pails  
35 lbs.



Kegs  
120 lbs.



Drums  
400 lbs.

\*Custom and Bulk Packaging available upon request.

## TYPICAL PROPERTIES

Property	No.1	No.2	Test Method
NLGI Grade	1	2	ASTM D217
Worked Penetration (60X)	310–340	265–295	ASTM D217
Dropping Point (°C)	>260	>260	ASTM D2265
Base Oil Viscosity @ 40°C (cSt)	150	150	ASTM D445
Four Ball Weld Load (kg)	500	500	ASTM D2596
Four Ball Wear (mm)	0.45	0.45	ASTM D2266
Timken OK Load (lbs)	60	60	ASTM D2509
Water Washout, % @ 175°F	<2	<2	ASTM D1264
Rust Test	Pass	Pass	ASTM D1743
Color	Dark Gray / Black	Dark Gray / Black	Visual
Texture	Smooth / Tacky	Smooth / Tacky	Visual
Molybdenum Disulfide	3%	3%	Calculated



Typical properties reflect the expected results within normal production tolerances but do not constitute a specification. Minor variations that do not impact product performance may occur during standard manufacturing processes or at different blending locations. The information provided here is subject to change without notice.

### Health and Safety:

When used as intended, this product is not expected to pose any health risks or safety concerns. To minimize exposure, avoid direct skin contact and wear resistant gloves when handling used lubricants. If contact occurs, wash the affected area immediately with soap and water. For comprehensive guidelines on safe handling and detailed product information, please refer to the Material Safety Data Sheet (MSDS) available on our website. <https://lonestargl.com>