



LSG LITHIUM COMPLEX 150 GREASE NO. 00, 0, 1 & 2

Heavy-Duty Lithium Complex Grease for Agriculture & Forestry Equipment.

High-Performance Lubricant for Robust Protection in Demanding Field Conditions.

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LONE STAR
GREASE & LUBRICANTS

Is a high-performance, heavy-duty lubricant specifically engineered for the rigorous demands of agriculture and forestry equipment.

Formulated with a premium lithium complex thickener system, this grease delivers exceptional mechanical stability, superior film strength, and remarkable protection against wear, heavy loads, shock loads, vibration, and severe contamination from dust, dirt, mud, and moisture.

Designed to perform reliably under the challenging operating conditions of fields and forests, this grease contains no heavy metals or environmentally harmful additives—making it a responsible choice for modern farming and logging operations. It excels in environments where continuous operation, exposure to elements, and repeated mechanical stress are the norm, such as during planting, harvesting, tilling, hauling, and timber processing.

This formulation ensures excellent adhesion to metal surfaces, minimizes sling-off, and provides long-lasting protection, even when subjected to washdowns or adverse weather.

Its composition delivers strong thermal stability, outstanding mechanical integrity, excellent resistance to water washout, and high-load environments—ensuring optimal lubrication performance in vital components exposed to heat, contamination, and variable loads.

Available in versatile **NLGI No. 00, 0, 1 & 2** consistencies, **LSG Lithium Complex 150 Grease No. 00, 0, 1 & 2** ensures reliable pumpability for centralized systems (No. 00, No. 0, No. 1) and robust structural stability for general-purpose bearing and chassis points (No. 2), contributing to extended equipment life and reduced downtime during critical seasons.

KEY FEATURES

- **Lithium complex thickener** for high-temperature stability and shear resistance, ideal for farm and logging machinery.
- **Strong resistance to water** washout, water spray-off, and moisture ingress, protecting components in wet and muddy conditions.
- Excellent mechanical and shear stability, maintaining consistency under heavy loads and constant vibration.
- **Superior corrosion and oxidation protection**, extending the lifespan of critical and protecting exposed equipment components.
- **High load-carrying ability**, safeguarding gears, bearings, and pivots from wearing under extreme pressure conditions.
- **Available in NLGI No. 00, 0, 1 & 2 consistency** for versatile application methods, operating conditions, and equipment such as centralized grease systems, bearings and gearboxes.

CUSTOMER BENEFITS

- ✓ Maintains performance under heavy mechanical stress, shock loads, and continuous operation during peak operating seasons.
- ✓ Resists equipment contamination from dust, dirt, and mud, providing a robust barrier against abrasive and environmental particles.
- ✓ Significantly reduces equipment wear and extends bearing and gear life, lowering replacement costs and increasing equipment reliability.
- ✓ Withstands wide operating temperatures and load pressures, ensuring reliable equipment function year-round.
- ✓ Offers increased service intervals and excellent protective qualities, contributing to reduced maintenance labor and costs.

APPLICATIONS

LSG Lithium Complex 150 Grease No. 00, 0, 1 & 2 are designed as multi-purpose high-performance greases for use in a wide range of applications such as:

- Tractors, combines, planters, cultivators, sprayers, and other farm machinery, especially for enclosed gearboxes or long centralized lines.
- Logging skidders, feller bunchers, harvesters, forwarders, and de-barkers.
- Wheel bearings (non-disc brake), universal joints, chassis points, and pivot pins.
- Hydraulic pump drives, PTOs, and various gearboxes in agricultural and forestry equipment.
- Heavy-duty bearings and bushings exposed to harsh outdoor elements.
- Equipment requiring superior water resistance, adhesion, and EP protection in demanding environments.
- Applications where durability, contamination protection, water resistance, and thermal stability are essential for the reliable operation of agricultural and forestry fleets.

PACKAGING:



Cartridges
14 oz.



Pails
35 lbs.



Kegs
120 lbs.



Drums
400 lbs.

*Custom and Bulk Packaging available upon request.

TYPICAL PROPERTIES

Property	No. 00	No. 0	No. 1	No. 2	Test Method
Worked Penetration (60X)	400–430	355–385	310 – 340	265 – 295	ASTM D217
NLGI Grade	00	0	1	2	ASTM D217
Dropping Point (°C)	-	-	>260	>260	ASTM D2265
Base Oil Viscosity @ 40°C (cSt)	150	150	150	150	ASTM D445
Four Ball Weld Load (kg)	400	400	400	400	ASTM D2596
Four Ball Wear (mm)	0.45	0.45	0.45	0.45	ASTM D2266
Timken OK Load (lbs)	45	45	45	45	ASTM D2509
Water Washout, % @ 175°F	<3	<3	<3	<3	ASTM D1264
Rust Test	Pass	Pass	Pass	Pass	ASTM D1743
Color	Red	Red	Red	Red	Visual
Texture	Smooth / Tacky	Smooth / Tacky	Smooth / Tacky	Smooth / Tacky	Visual
Water Spray Off Test	-	-	<10	<10	ASTM D4049



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>