



LSG LITHIUM COMPLEX

150 GREASE NO. 00, 0, 1 & 2

High-Temperature, Multi-Service Lithium Complex Grease for Severe Duty.

Handles High-Temperature and Heavy-Duty Equipment.

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LONE STAR
GREASE & LUBRICANTS

Is a premium lithium complex grease designed to meet the rigorous demands of heavy-duty construction equipment.

Engineered for high-temperature and high-load applications, it provides superior lubrication and protection in extreme operating conditions commonly encountered on job sites.

This grease delivers outstanding resistance to heat, oxidation, and mechanical breakdown, ensuring optimal performance in components like wheel bearings, pivot pins, U-joints, and bushings. Its enhanced tackiness and mechanical stability help it stay in place under heavy shock loads and continuous vibration, reducing the risk of metal-to-metal contact and premature wear.

Formulated to resist water washout, **LSG Lithium Complex 150 Greases** perform reliably in wet or muddy environments, providing an effective barrier against rust and corrosion.

Whether you're operating dozers, excavators, loaders, or dump trucks, this grease offers consistent protection during long hours of operation and frequent equipment starts and stops.

Available in a comprehensive range of **NLGI grades** (No. 00, 0, 1 & 2), allows you to optimize grease selection to meet your various application needs and equipment requirements, making it an ideal choice for field and fleet maintenance crews aiming to extend component life, minimize downtime, and maximize job site productivity.

KEY FEATURES

- **Lithium complex thickener** for high-temperature stability and reliable performance.
- **Available in NLGI No. 00, 0, 1 and 2 grades** for broad equipment needs and application compatibility.
- **Excellent mechanical stability** under shock and heavy load.
- **High stability** for extended protection in heat-intensive environments.
- **Resists** water washout, oxidation, and rust.



CUSTOMER BENEFITS

- ✓ Reduces equipment wear in extreme service conditions.
- ✓ Performs in wide temperature ranges and wet environments.
- ✓ Suitable for both fluid-like applications, centralized systems and standard manual regrease greasing.
- ✓ Stays in place under vibration, impact, and pressure.
- ✓ Extends lubrication intervals and reduces downtime.

APPLICATIONS

LSG Lithium Complex 150 Grease No. 00, 0, 1 & 2 is designed for:

- **Heavy-duty on- and off-road equipment**, including dozers, excavators, loaders, and dump trucks.
- Agricultural and construction machinery.
- Fleet and trailer chassis systems.
- Bearings, pins, bushings, and fifth wheels.
- **Industrial components** operating under heat and load.
- Enclosed gearboxes, speed reducers, and very long centralized lubrication lines (specifically for NLGI No. 00 and No. 0 grades).
- **Centralized lubrication systems** and colder environments (NLGI No. 1).
- **General purpose use** in warmer conditions and standard manual regreasing (NLGI No. 2).

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
NLGI Grade	00	0	1	2	ASTM D217
Worked Penetration (60X)	400–430	355–385	310–340	265–295	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	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



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>