



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

Heavy-Duty Lithium Complex Grease for High-Temperature and Severe Automotive Applications.

Suitable for Engines, Bearings, and Chassis Lubrication across a Wide Range of Temperatures.

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LONE STAR
GREASE & LUBRICANTS

Is a premium lithium complex grease series engineered for outstanding performance in high-temperature and high load automotive applications.

This multi-functional grease delivers superior thermal stability, excellent water resistance, and outstanding resistance to wear, making it ideal for extended use in harsh operating conditions.

Formulated with advanced anti-wear and oxidation inhibitors, **LSG Lithium Complex 150 Greases** protect critical components such as chassis parts, wheel bearings, U-joints, suspension systems, and fifth wheels from friction, corrosion, and moisture damage.

Its tacky consistency ensures the grease stays in place under severe mechanical stress, while its resistance to water washout guarantees consistent lubrication—even in wet environments.

Trusted by automotive shops, heavy-duty service fleets, and high-performance vehicle shops, **LSG Lithium Complex 150 Greases** enhance component life, minimizes downtime, and helps reduce long-term maintenance costs.

The availability in **NLGI Grades 00, 0, 1 & 2** offer flexibility for a wide range of equipment and climate conditions without compromising performance.

KEY FEATURES

- **Lithium soap thickener** with good mechanical and thermal stability for general automotive needs.
- **NLGI No. 2 grade** – ideal for broad multipurpose use across various vehicle types and lubrication points.
- **Excellent resistance to water washout and oxidation**, crucial for vehicle components exposed to road elements and high temperatures.
- **Enhanced rust and corrosion protection**, safeguarding metal components from road salt, moisture, and corrosion experience in harsh road environments.
- **Excellent resistance to water washout and corrosion.**
- **High dropping point for long-lasting protection** at elevated temperatures (for No. 1 and No. 2 grades).
- **Fortified with anti-wear and extreme pressure (EP)** additives.



CUSTOMER BENEFITS

- ✓ Provides long-lasting protection across a wide range of automotive components, reducing lubricant inventory.
- ✓ Maintains consistency under high-shear and moderate-temperature environments, supporting reliable vehicle operation.
- ✓ Reduces component wear and downtime, contributing to lower ownership costs and improved vehicle availability.
- ✓ Ensures reliable performance in wet, dirty, and harsh driving conditions, ensuring year-round protection from harsh environmental conditions.

APPLICATIONS

LSG Lithium Complex 150 Greases No. 00, 0, 1 & 2 are ideal for:

- Chassis lubrication in automotive and heavy-duty on and off-highway vehicles, including trucks, buses, and mobile equipment.
- Agricultural and construction mobile equipment.
- Industrial bearings and bushings operating at elevated temperatures.
- Wheel bearings, fifth wheels, and suspension components.
- Fleet maintenance programs.
- Gear or bearing systems requiring fluid greases.
- Cold weather pumpability and centralized systems.
- General-purpose use and equipment protection.

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	<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
Oil Separation, % (24hr@100°C)	<5	<5	<5	<5	ASTM D1742



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>