

# LSG LITHIUM 150 GREASE NO. 2

General-Purpose Lithium Grease for Dependable Industrial Applications.

Reliable Protection for Bearings, Machinery, and Equipment Across Various Industries.

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Is a versatile lithium-based grease engineered for dependable performance in demanding industrial environments.

Its robust formulation delivers excellent lubrication and protection across a wide variety of machinery and applications, making it a go-to solution for plant maintenance, manufacturing operations, and general equipment lubrication.

Built to withstand heavy loads, constant operation, and mechanical stress, this grease offers outstanding resistance to water washout, corrosion, and oxidation—essential qualities for industrial equipment exposed to moisture, dust, and varying temperatures.

Whether it's used in anti-friction and plain bearings, gears, couplings, slides, or general machinery points, it provides reliable film strength and wear protection under high loads and continuous motion.

Its strong adhesion helps keep the grease in place even during extended operation, minimizing wear and extending relubrication intervals, supporting efficient plant operations.

**LSG Lithium 150 Grease No. 2** performs reliably across a broad temperature range, ensuring consistent protection whether in heated manufacturing areas or cooler storage facilities.

Ideal for use in pumps, fans, conveyors, presses, and other general industrial machinery, it helps extend equipment life, reduce maintenance frequency, and maximize operational uptime, contributing to overall plant efficiency.

## KEY FEATURES

- **Lithium soap thickener** with good mechanical and thermal stability for general industrial lubricant needs.
- **NLGI No. 2 grade** – ideal for broad multipurpose use across various industrial equipment and lubrication points.
- **Excellent resistance to water washout and oxidation**, crucial for machinery exposed to moisture and hot plant environments.
- **Enhanced rust and corrosion protection**, safeguarding metal components in humid or corrosive industrial settings.
- Smooth, red, tacky grease for easy visibility and reliable adhesion to parts.



## CUSTOMER BENEFITS

- ✓ Provides long-lasting protection across a wide range of industrial equipment, simplifying lubricant inventory and management.
- ✓ Maintains consistency in high-load and moderate-temperature environments, supporting reliable machinery operation.
- ✓ Reduces component wear and downtime, improving equipment availability and operational efficiency.
- ✓ Performs reliably in varying industrial operating conditions, ensuring consistent protection of valuable assets.

## APPLICATIONS

**LSG Lithium 150 Grease No. 2** is recommended for:

- **General plant maintenance:** Bearings, bushings, linkages, and slide ways in manufacturing and processing facilities.
- **Electric motors, pumps, and fans:** For bearings requiring robust general-purpose grease.
- **Conveyors and material handling equipment:** Bearings and rollers exposed to continuous motion and contaminants.
- **Machine tools and presses:** For general lubrication points not requiring specialized high-performance grease.
- **Industrial bearings and bushings** operating under moderate to heavy loads.
- General lubrication for machinery in industries such as textiles, pulp and paper (where water washout is not extreme), food processing (indirect contact only), and light manufacturing.

## PACKAGING:



Cartridges  
14 oz.



Pails  
35 lbs.



Kegs  
120 lbs.



Drums  
400 lbs.

\*Custom and Bulk Packaging available upon request.

## TYPICAL PROPERTIES

Property	Value	Test Method
NLGI Grade	2	ASTM D217
Worked Penetration (60X)	265–295	ASTM D217
Dropping Point (°C)	>190	ASTM D2265
Base Oil Viscosity @ 40°C (cSt)	150	ASTM D445
Four Ball Weld Load (kg)	400	ASTM D2596
Four Ball Wear (mm)	0.45	ASTM D2266
Timken OK Load (lbs)	45	ASTM D2509
Water Washout, % @ 175°F	<3	ASTM D1264
Rust Test	Pass	ASTM D1743
Color	Red	Visual
Texture	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>