

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

Heavy-Duty Lithium Complex Grease for Power Tool & Industrial Applications.

High-Performance Lubricant for Small Machinery and Compact Power-Driven Components, including Centralized Systems and Gearboxes.

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



Is a high-performance, heavy-duty lubricant engineered for power tool and small machinery applications that demand exceptional mechanical stability and load-bearing capacity.

Designed to perform under tough operating conditions, it offers superior film strength and remarkable protection against wear, vibration, and moisture ingress.

Formulated with performance and equipment longevity in mind, this grease contains no heavy metals or environmentally harmful additives—reducing the risk of contamination and making it an ideal solution for professional and industrial maintenance programs. It excels in environments where continuous operation and repeated mechanical stress are the norm, such as manufacturing plants, assembly lines, maintenance fleets, and job-site power equipment.

This grease has evolved through years of refinement to meet the rigorous standards of today's advanced machinery.

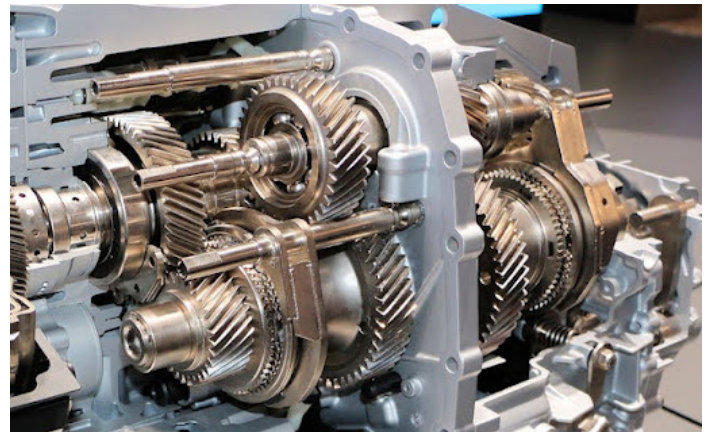
It features an advanced lithium complex thickener system, and a precisely engineered additive package.

This unique formulation technology ensures excellent adhesion to metal surfaces, reduces wear, and provides long-lasting protection.

Its composition delivers strong thermal stability, outstanding mechanical integrity, excellent resistance to water washout, and high-load applications—ensuring optimal lubrication performance in handheld tools, electric motors, and other compact power-driven components exposed to heat, vibration, and variable loads.

## KEY FEATURES

- **Lithium complex thickener** for high-temperature stability in power tool gearboxes and bearings.
- **Strong resistance to water washout**, protecting components from moisture ingress.
- **Excellent mechanical and shear stability**, maintaining consistency under high-speed operation and vibration.
- **Corrosion and oxidation protection**, extending the lifespan of internal tool components.
- **High film strength** and load-carrying ability, safeguarding gears and bearings from wear.
- **Available in NLGI No. 00, 0, 1 & 2 consistency** for versatile application methods and operating conditions, including centralized systems and small, enclosed gearboxes.



## CUSTOMER BENEFITS

- ✓ Maintains performance under heavy mechanical stress and continuous tool operation.
- ✓ Resists water intrusion and protects parts from wet environments, crucial for job-site tools.
- ✓ Reduces equipment wear and extends tool bearing and gear life, lowering replacement costs.
- ✓ Withstands high operating temperatures and load pressures, ensuring reliable tool function.
- ✓ Offers long service intervals and excellent thermal resistance, contributing to reduced tool maintenance.

## APPLICATIONS

**LSG Lithium Complex 150 Grease No. 00, 0, 1, & 2** are designed for high-performance industrial applications including:

- Electric and pneumatic power tools: Drills, saws, grinders, impact wrenches, jackhammers.
- Small machinery gearboxes: Handheld power equipment, compact industrial units (where softer grades like #00 or #0 may be specified).
- High-load bearings and gears within power tools and light industrial machinery.
- General lubrication points in manufacturing plants and assembly lines.
- General machinery and construction equipment where a multi-purpose grease is needed.
- Centralized lubrication systems requiring softer consistencies (NLGI No. 00, 0 & 1).

## 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	ASTM D1264
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>