

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

Heavy-Duty Marine & Industrial Grease for High-Moisture, High-Load
Environments

Multipurpose Lithium Complex Grease for Marine and Demanding
Wet Applications.

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LSG Lithium Complex 150 Grease No. 00, 0, 1 & 2 are high-performance, multi-purpose lithium complex greases engineered for the demands of marine, coastal, and wet-environment industrial applications. Developed with premium base oils and enhanced extreme-pressure (EP) additives, it provides superior wear protection, water resistance, and corrosion control across a range of grease consistencies and applications encountered in the marine industry.

The red, tacky formulation delivers long-lasting lubrication and protection for boat trailers, deck equipment, rudder assemblies, steering linkages, and various marine machinery, even under salt spray, submersion, and vibration. It adheres strongly to metal surfaces, resists washout, and stays in place to shield components from rust and premature wear in both fresh and saltwater environments. The availability of multiple NLGI grades ensures optimal performance and application versatility for

KEY FEATURES

- Lithium complex thickener resists softening and breakdown in marine and high-humidity conditions.
- Excellent resistance to water washout and environmental corrosion, ensuring reliable protection in wet settings.
- NLGI No. 00, 0, 1 & 2 consistency options ensure compatibility with centralized lubrication systems and general-purpose or heavy-duty manual applications.
- Tacky formula clings to components and resists sling-off under load, maintaining a protective film.
- Extreme-pressure protection to prevent metal-to-metal contact and wear under heavy-load conditions.
- Formulated with premium base oils for robust film strength and versatility.

CUSTOMER BENEFITS

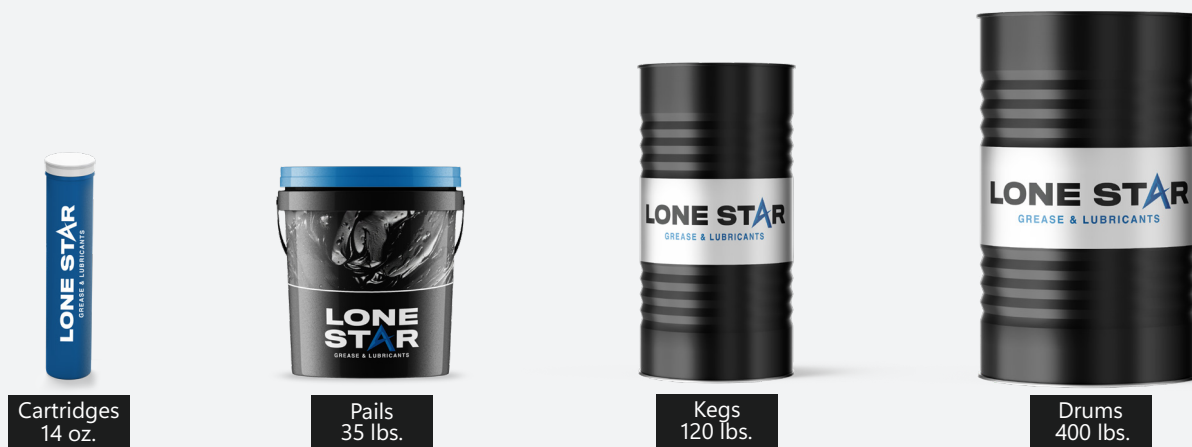
- ✓ Reliable lubrication in harbors, shipyards, vessels, marine terminals, and other industrial settings with moisture exposure.
- ✓ Reduces downtime and component replacement due to corrosion and wear, extending equipment lifespan.
- ✓ Performs exceptionally well in submerged, high-humidity, and washdown environments.
- ✓ Suitable for a wide range of applications including deck gear, winches, trailer wheel bearings (non-disc), marine chassis points, and wire rope.
- ✓ Extended service life minimizes re-lubrication frequency and labor costs, enhancing operational efficiency.

APPLICATIONS

LSG Lithium Complex 150 Grease No. 00, 0, 1 & 2 are recommended for:

- Boat trailer hubs, axles, and suspension systems.
- Marine steering linkages and tilt-and-trim systems.
- Dockside winches, cranes, and hoist mechanisms exposed to harsh elements.
- Rudder bearings, hatch hinges, and lifting gear exposed to saltwater.
- Mobile industrial equipment, vessels, or machinery.
- Enclosed gearboxes and chain drives requiring semi-fluid greases.
- Agricultural and construction equipment used in marine and/or flood-prone areas.
- General-purpose lubrication for heavy-duty components operating in wet or corrosive conditions.

PACKAGING:



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
Salt Water Test	Pass (No Rust)	Pass (No Rust)	Pass (No Rust)	Pass (No Rust)	ASTM D665, Proc. B
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>