



LSG CALCIUM SULFONATE COMPLEX 220 5% MOLY GREASE NO. 2

Extreme Protection Calcium Sulfonate Complex Grease with Moly for

Severe Load and High Temperature Conditions

Ideal for Applications Experiencing Extreme Temperatures and Loads

LSG SYNTHETIC LITHIUM COMPLEX 220 GREASE NO. 1 & 2

LONE STAR
GREASE & LUBRICANTS

Is a premium calcium sulfonate complex grease specially engineered to meet the punishing demands of the steel industry. With 5% Molybdenum Disulfide (Moly) added for enhanced load-carrying protection, this grease provides superior performance in severe-duty applications involving extreme pressure and extreme heat that can accelerate grease break down and loss of lubrication.

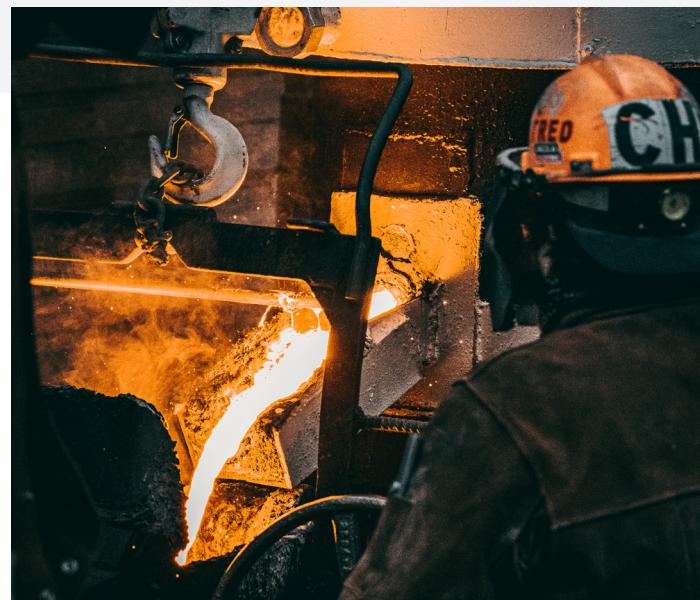
Ideal for components like heavily loaded pivot points, pins, bushings, and joints. **LSG Calcium Sulfonate Complex 220 5% Moly Grease No. 2** forms a durable solid film that resists wear and prevents metal-to-metal contact even under extreme operational conditions.

Its advanced calcium sulfonate thickener also delivers exceptional wear resistance and mechanical stability, making it highly effective in wet, dirty, and abrasive conditions experienced in steel mill operations. The grease clings firmly to surfaces, resists washout, and provides unmatched protection against rust and corrosion—even in wet or chemically aggressive environments.

LSG Calcium Sulfonate Complex 220 5% Moly Grease No. 2 is the go-to solution for operators who demand maximum uptime, reduced maintenance intervals, and robust protection for their critical equipment in the world's most challenging production environments.

KEY FEATURES

- **Calcium sulfonate complex thickener** with outstanding thermal stability
- **Contains 5% Molybdenum Disulfide (Moly)** for extreme pressure protection
- **Excellent water resistance and tolerance** — ideal for wet environments
- **High dropping point** and outstanding oxidation stability.
- **NLGI No. 2** consistency with strong mechanical stability



CUSTOMER BENEFITS

- ✓ Protects against metal-to-metal contact under high loads and high temperature Conditions.
- ✓ Ideal for slow-moving, high-load pivot points and sliding surfaces.
- ✓ Forms a durable lubricating film to prevent metal-to-metal contact.
- ✓ Maintains consistency in the presence of water or contaminants.
- ✓ Resists breakdown, extending lubrication intervals.
- ✓ Excellent corrosion resistance in high moisture environments.

APPLICATIONS

LSG Calcium Sulfonate Complex 220 5% Moly Grease No. 2 is recommended for:

- Heavy-duty equipment
- Pivot pins, bushings, universal joints, and fifth wheels
- Chassis lubrication under high shock loads
- Greased joints in dusty or wet working conditions
- Any application requiring an ISO VG 220 synthetic, water-resistant grease with high load-carrying capabilities.
- Industrial components operating under high heat, heavy load, and continuous stress.
- Centralized lubrication systems and enclosed gearboxes where softer greases are required.

PACKAGING:



*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)	>290	ASTM D2265
Base Oil Viscosity @ 40°C (cSt)	220	ASTM D445
Four Ball Weld Load (kg)	620+	ASTM D2596
Four Ball Wear (mm)	0.40	ASTM D2266
Timken OK Load (lbs)	60+	ASTM D2509
Water Washout, % @ 175°F	<1	ASTM D1264
Rust Test	5%	Calculated
Color	Gray/Black	Visual
Texture	Smooth / Tacky	Visual
Molybdenum Disulfide	Pass	ASTM D1743



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://lonestargrl.com>