



# LSG PELLET MILL 2 GREASE

HEAVY-DUTY HIGH-TEMPERATURE GREASE FOR PELLET  
MILL AND INDUSTRIAL ROLLER BEARINGS.

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PRODUCT DATA SHEET



# LSG PELLET MILL 2 GREASE

Heavy-Duty High-Temperature Grease for Pellet Mill and Industrial Roller Bearings.  
Specifically for Grain and Feed Processing Machinery.

**LONE STAR**  
GREASE & LUBRICANTS



## PRODUCT DATA

**LSG Pellet Mill 2 Grease** is a high-performance lithium complex grease specially formulated for the severe operating conditions found in pellet mills, extruders, and other high-load, high-temperature processing equipment.

Developed to deliver maximum protection under extreme pressure and continuous thermal cycling, it ensures reliable lubrication in the most demanding industrial environments.

This grease features a robust lithium complex thickener, premium base oils, and a heavy-duty additive package designed to withstand the intense friction, vibration, and mechanical stress characteristic of pelletizing and extrusion operations.

It provides excellent film strength, superior load-carrying capacity, and outstanding resistance to oxidation, thermal breakdown, and water washout.

Engineered for long service life in demanding machinery, **LSG Pellet Mill 2 Grease** adheres firmly to metal surfaces and resists sling-off, at elevated temperatures and in wet, dusty conditions. Its formulation minimizes wear on bearings, bushings, and die rolls, reducing downtime and maintenance in high-speed or continuous-production operations.

Free of heavy metals and environmentally harmful additives, it offers a clean, responsible solution for feed processing, biomass fuel manufacturing, and other material compression industries.

This grease delivers exceptional mechanical stability and consistent performance—making it the go-to lubricant for pellet mills and industrial compaction systems requiring superior protection and productivity.

## CUSTOMER BENEFITS

- ✓ **Reduces bearing failure** in high-heat, high-pressure pelletizing environments.
- ✓ **Protects against lubricant loss** in wet or steamy processing areas.
- ✓ **Extends relubrication intervals** in severe-duty applications.
- ✓ **Provides consistent lubrication** under shock loads and vibration.
- ✓ **Prevents corrosion** and reduces unplanned downtime.

## KEY FEATURES



**Designed specifically** for pellet mill roller and die bearings.



**Excellent thermal and mechanical stability.**



**High load-carrying capacity and extreme pressure (EP) protection.**



**Superior resistance to water** washout and steam exposure.



**Stays in place** under high temperatures and intense mechanical stress.



# APPLICATIONS

LSG Pellet Mill 2 Grease is ideal for:



Pellet mill roller and die bearings.



Feed processing and wood pellet manufacturing.



Industrial equipment operating under extreme pressure and high temperature.



Bearings in steam or water-prone environments.



Applications requiring the grease to stay in place at high speeds and loads.

This grease is ideal for use where durability, contamination protection, water resistance, and thermal stability are essential for the reliable operation of grain and feed processing machinery.

# PACKAGING



Cartridges  
14 oz.



Pails  
35 lbs.



Kegs  
120 lbs.



Drums  
400 lbs.

\*Custom and Bulk Packaging available upon request.



## TYPICAL PROPERTIES

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.

Property	Value	Test Method
NLGI Grade	2	ASTM D217
Worked Penetration (60X)	265–295	ASTM D217
Dropping Point (°C)	>260	ASTM D2265
Base Oil Viscosity @ 40°C (cSt)	220	ASTM D445
Four Ball Weld Load (kg)	500	ASTM D2596
Four Ball Wear (mm)	0.45	ASTM D2266
Timken OK Load (lbs)	60	ASTM D2509
Water Washout, % @ 175°F	<3	ASTM D1264
Color	Yellow	Visual
Texture	Tacky / Smooth	Visual
Fling Off Test	<10% Loss	ASTM D4049

## 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 greases. 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>

## EXPLORE THE LONE STAR DIFFERENCE. GET IN TOUCH WITH US TODAY




### LET'S WORK TOGETHER

We're more than a supplier—we're a partner in your operation. Whether you need a custom solution, dependable logistics, or technical guidance, we're here for you every step of the way.

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