



# PREMALUBE™

## Multi-Purpose, Heavy Load, Extreme Pressure, High Temperature Grease NLGI # 2

Heavy duty grease specifically formulated for industrial equipment.

*Provides superior protection against heavy loads, contaminants, heat and high speeds.*

**PRODUCT OF CHOICE FOR ALMOST EVERY INDUSTRIAL APPLICATION**

- Utility Plants
- Paper Mills & Packaging Plants
- Steel Mills & Foundries
- Printing
- Food Processing Plants (H2)
- Chemical Plants
- Plastic and Rubber Plants
- Refineries
- Industrial Manufacturing



- Stays in Place to Prevent Wear Under Heavy-Load Conditions
- Exceptional Heat Reversion Properties
- Contains Molybdenum Disulfide to Minimize Abrasive Wear Caused by Dirt and Dust
- Superior Water Resistance
- Excellent High Temperature Performance - Remains Effective Up to 135°C Continuous and 204°C Intermittent Operations.
- Reduces Grease Inventory to Save Money
- Prevents Rust and Corrosion
- Also Available in a Red Formula

### PREMALUBE Meets or Exceeds these Performance Requirements:

- US Steel Mill Grease Specifications:
  - Roll Neck Grease, Req. No. 340
  - Extreme Pressure Grease Req. No. 350
  - Extra Duty EP Grease, Req. No. 352
  - Extreme-Temp. Req. No. 355, 370 & 372
  - Ball and Roller Bearing, Req. No. 371
  - Mill Utility Grease Req. No. 375
- Military Spec. MIL-G-23549C, MIL-G-2345C
- Case 251H EP-M 3% Moly Content
- Caterpillar MPGM
- Ford M1693A



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# PREMALUBE contains a total additive package that sets it apart from other greases.

## ADDITIVES

## USER BENEFITS

Premium Grade Base Oil	Superior-grade highly refined base oil resists oxidation, hardening, and high-temperature breakdown to maintain lubricity.
Aluminum Complex Base	Withstands high heat - is the only lubricant with heat reversion characteristics. Resists water wash-out.
Adhesive Cohesive Polymers, Tackiness Agents	Highly-elastic polymers hold grease together and in place to reduce squeeze-out, channeling and sling-off. Prevents loss of lubricant that leaves bearings "starved".
Rust and Corrosion Inhibitors	Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
Extreme Pressure (EP) Agents	Provides added lubricant film strength to increase load-carrying ability of equipment. Helps prevent extreme wear that can occur under heavy loads.
Anti-Wear and Friction Reducing Agents	Prevents metal-to-metal contact, two-surface wear, vibration and chatter. Keeps high friction surfaces, such as bearings, properly lubricated to prevent metal loss, downtime, and replacement expenses.
Oxidation Inhibitors	Extends lubricants service life by retarding the oxidation process. Provides a chemical shield that prevents the oxidizing effects of oxygen and water.
Shock Load Reducers	Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-up operations.
Molybdenum Disulfide	Plates metal surface asperities completely with a premium lubricant coating that withstands high pressures, heavy loads and shear conditions. Reduces abrasive wear, too.
Graphite	Offers added high temperature stability and guards against water wash-out.

## PHYSICAL PROPERTIES

	#1	#2
Grams per Litre	999.34	999.34
Penetration @ 25 °C 60 Strokes	310 - 340	265-295
Penetration Loss after 10,000 Strokes, %	15	10
Dropping Point °C	250	260+
Timken, OK Load, KG	30	30
4 Ball Wear, ASTM D2266 1 Hour, 1200 RPM, 75 °C, 40 KG, Scar Diameter mm	0.73	0.73
4 Ball Weld Point, KG	315	315
Load Wear Index	51	50
Oxidation Stability 100 Hrs @ 100 °C, KPa	13.8	13.8
Maximum Continuous °C	135	135
Maximum Intermittent °C	204	204
Lowest Temperature °C	-35	-18
Bearing Rust Test ASTM D1743	1,1,1	1,1,1
Copper Corrosion ASTM D130,1261	1B, pass	1B, pass

### PREMALUBE Limited Warranty

Under operating conditions of all types, customers find that PREMALUBE lasts from 2 to 5 times longer than conventional greases.

Lubemaster is so confident PREMALUBE will last longer in your operations, that we will replace the amount of PREMALUBE in your equipment at NO CHARGE if it does not extend regreasing intervals by *at least twice* the equipment manufacturer's recommended interval.

