

LUBRICANTS

After choosing the best Moline Bearing unit for your application, make sure you specify the optimal grease for your application.

Moline offers a wide variety of Lubricants available on the market today. We offer high temp, low temp, cryogenic and food grade greases often at no additional charge. If you have specific performance requirements of the lubricant used for your application, please contact us with the details and we can help to determine which product and formula works best for your application. We will be glad to accommodate your request.

Timken® Premium All Purpose Industrial LC-2 Grease GR217 - Standard Bearing Grease

- NLGI No. 2 extreme pressure, lithium-complex thickened grease
- Solid protection against rust and corrosion
- Excellent protection against wear
- Applications: Ideal for industrial bearings operating at higher-than-average temperatures and/or subjected to shock loading

Timken® Mill Grease GR182 - High Temp Bearing Grease

- Calcium sulfonate-thickened grease
- Excellent resistance to water washout
- Superior protection against rust and corrosion, including salt spray
- Excellent high-temperature properties
- Timken Mill Grease is formulated with high VI paraffinic mineral oil, resulting in very good oxidation stability
- Applications: Steel mills, paper mills, aluminum mills, foundries, cement plants, power generation, off-road applications, mineral processing, offshore rigs and marine applications

Timken® Food Safe Grease GR231 - Food Grade Bearing Grease

- NLGI No. 2 aluminum-complex thickened lubricating grease
- Provides for improved low- and high-temperature performance
- Contains extra-pressure, anti-wear additives and corrosion and oxidation inhibitors
- Applications: Food processing operations



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PhyMet® MicroPoly Solid Lubricant

- Creates a solid lubricant with an oil-filled porous structure
- MicroPoly fills the space between the rolling elements and races in a bearing, providing consistent lubrication
- There is no need for additional lubrication during the life of a MicroPoly filled bearing
- Because Phymet is a solid, MicroPoly can help block debris and reduce foreign contamination of the bearing.
- Reducing the incursion of debris into the bearing can significantly extend the bearing's life
- MicroPoly also improves housekeeping, as it will not drip out of the bearing and contaminate the environment
- Cuts downtime and maintenance costs
- Applications: Agriculture, fabrication, food and beverage, mining and lumber, paper and packaging, utilities
- MicroPoly offers a variety of solid lubricant formulas for industrial, high temp, high speed and food grade applications

Grease Type	Purpose	Application	Environment
Timken GR 217	Premium All purpose LC-2 Lithium Complex -40°C to 149°C -40°F to 300°F	Agriculture, Bushings/Ball Joints, Truck and Auto Wheel Bearings, Heavy Duty Industrial	High Wear, Moderate Loads, Moderate Speeds, Moderate Temperatures
Timken GR 182K	Mill Grease Calcium Suifonate -40°C to 204°C -40°F to 400°F	Aluminum Mills, Paper Mills, Steel Mills, Offshore Rigs, Power Generation	Corrosive Media, Extreme Heat, Heavy Loads, Wet Conditions, Slow to Moderate Speeds
Timken GR 231C	Food Safe Aluminum Complex -40°C to 149°C -40°F to 300°F	Food and Beverage Industries, Pharmaceuticals	Incidental Food Contact, Hot and Clod Temperatures, Moderate to High Speeds, Medium Loads
Phymet Micropoly MPI 0800	Premium All Purpose Solid Polymer -23°C to 93°C -10°F to 200°F	Agricultural, Automotive, Heavy Industrial, Printing	Severe and Hard to access and service areas, Low to Moderate Loads, Speeds and Temperatures

