Lubrication Selection Guide

The Timken Company, a global leader in bearing and steel technology, understands the importance of friction management. The Timken line of application- and environment-specific lubricants have been developed by leveraging our knowledge of tribology and anti-friction bearings and how these two elements affect overall system performance.

Timken lubricants help bearings and related components operate effectively in demanding industrial operations.

For more information on Timken lubricants, contact your authorized Timken distributor or sales representative or visit www.timken.com.

**WARNING** Failure to observe the following warnings could create a risk of serious injury.

Proper maintenance and handling practices are critical. Failure to follow installation instructions and to maintain proper lubrication can result in equipment failure, creating a risk of serious bodily harm.

This selection guide is not intended to replace specific recommendations by the equipment builder who is responsible for its performance.

**Environment**

- High Wear • Moderate Loads
- Moderate Speeds
- Moderate Temperatures

- Extreme Heat • Heavy Loads
- High Sliding Wear
- Dirty Environments
- Slow Speeds • Shock Loading

- Wet and Corrosive Conditions
- Quiet Environments • Light Loads
- Moderate to High Speeds
- Moderate Temperatures

- Corrosive Media • Extreme Heat
- Heavy Loads • Wet Conditions
- Slow to Moderate Speeds

- Incidental Food Contact
- Hot and Cold Temperatures
- Moderate to High Speeds
- Medium Loads

- Extreme Low and High Temperatures
- Severe Loads
- Corrosive Media
- Slow to Moderate Speeds

**Application**

- Agriculture • Bushings/Ball Joints
- Truck and Auto Wheel Bearings
- Heavy Duty Industrial

- Agriculture/Minining • Cement Plants
- Construction/Off Road • Rock Quarry
- Earth Moving Equipment
- Fleet Equipment • Heavy Industry
- Pivot Pins/Spined Shafts

- Lightly Loaded Pillow Blocks
- Idler Pulleys • Oven Conveyors
- Electric Motors • Fans • Pumps

- Aluminum Mills • Paper Mills
- Steel Mills • Offshore Rigs
- Power Generation

- Food and Beverage Industries
- Pharmaceuticals

- Wind Energy Main Bearing
- Pulp and Paper Machines
- General Heavy Industry
- Marine Applications
- Centralized Grease Systems

- General Industrial Applications
- Pins and Bushings • Track Rollers
- Water Pumps
- Plain and Antifriction Bearings

**Lids are color-coded for easy identification**

- Timken Premium All Purpose Industrial LC-2 Grease
- Timken Construction and Off-Highway Grease
- Timken Ball Bearing Pillow Block Grease
- Timken Mill Grease
- Timken Food Safe Grease
- Timken Synthetic Industrial LC-1.5 Grease
- Timken Multi-Use Lithium EP1 and EP2 Grease

- www.timken.com

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