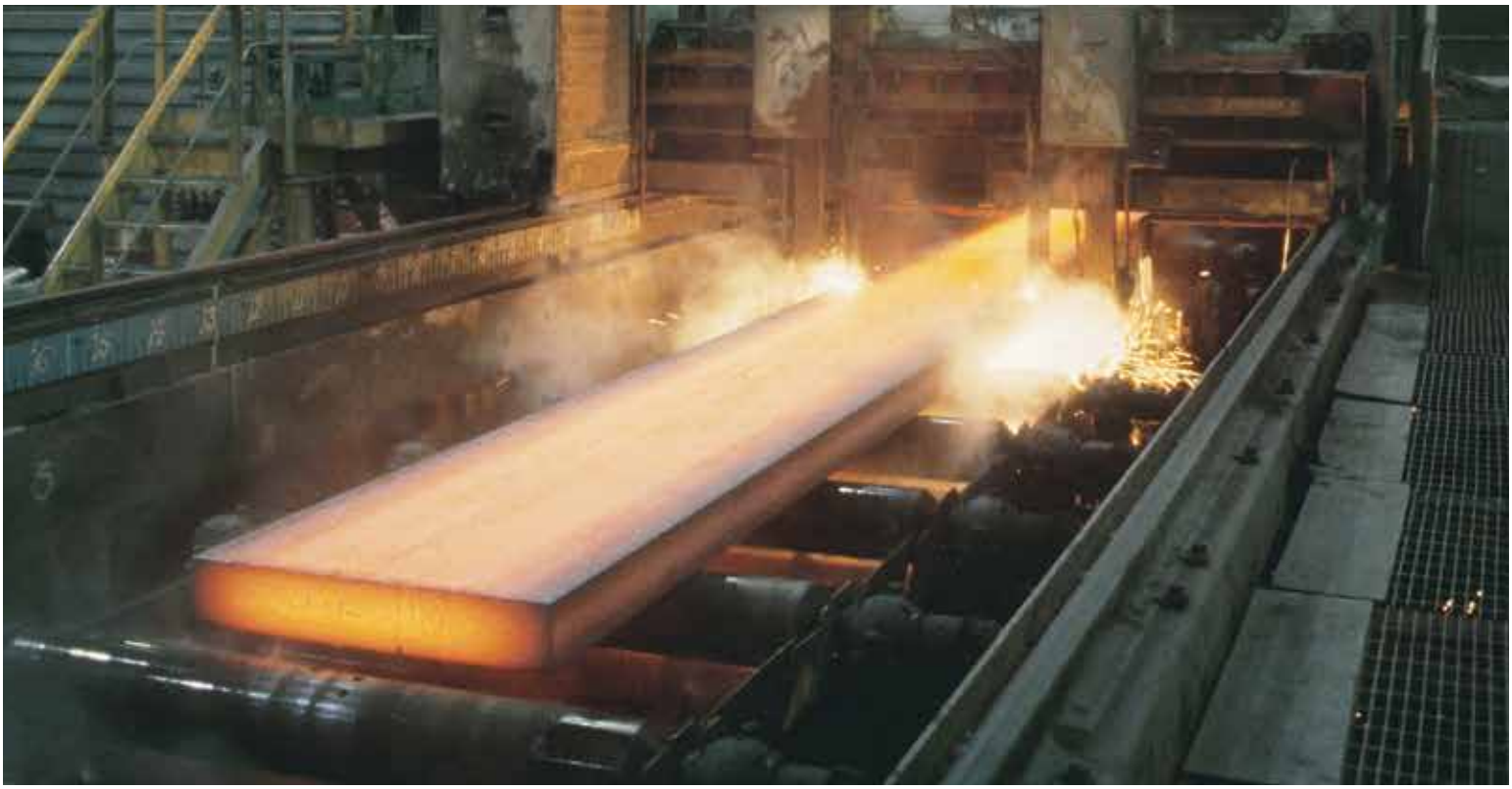
TIMKEN



CONTINUOUS LUBRICATION. REDUCED MAINTENANCE.

INCREASE PRODUCTIVITY WITH TIMKEN® SOLID LUBE.

Get the optimal life from your Timken® roller bearings and reduce maintenance with Timken® Solid Lube.

Timken® Solid Lube can increase uptime and avoid damage caused by poor lubrication from standard grease or oil by continually providing lubricant exactly where it's needed. We offer this protection for Timken spherical roller bearings, cylindrical roller bearings, tapered roller bearings and other products.

TIMKEN SOLID LUBE FEATURES:

- **Protected.** Scientifically advanced lubricant helps guard against contaminants for safe and reliable operation – even in demanding conditions.
- **Clean.** Its unique makeup helps prevent lube from contaminating products or sensitive machinery, improving your housekeeping by helping avoid grease and oil drips.
- **Versatile.** With a wide range of lubrication solutions, we can match application requirements, including food-grade options.
- **Cost-Effective.** Timken Solid Lube helps reduce your operating costs and increase operational productivity.



GREATER EFFICIENCY WITH CUSTOM MIXES

Resistant to chemicals and abrasives, Timken Solid Lube is a resilient mixture of polymers, oils and other additives customized for specific applications. The lube fills the air space inside the bearing, safely coating the rollers, cage and raceways. This technique for packing the lubrication helps keep foreign objects out, while retaining oil in a microporous network. During rotation, the solid lube helps provide continuous lubrication to the rolling elements and raceways, lubricating the bearing surfaces through capillary action. As needed, reserves in the pores supply additional oil to the bearing.

POPULAR LUBRICATION SOLUTION FOR SPHERICAL ROLLER BEARINGS

Customers depend on Timken spherical roller bearings in tough applications because of their durability and reliability, running cooler and handling up to +/- 1.5 degrees of misalignment. Equipped with Timken Solid Lube, these bearings increase efficiency in applications that carry heavy loads at low speeds in industries such as:

- Metal processing.
- Mining and lumber.
- Off-highway.
- Agriculture.
- Food processing.
- Paper and packaging.



TIMKEN SOLID LUBE – BEARING NOMENCLATURE

Example 1: **22234EJW33C3SLA**

Spherical Roller Bearing Part Number — Modification Code for Solid Lube

CHOOSE SOLID LUBE FOR YOUR NEW TIMKEN SPHERICAL ROLLER BEARINGS

Additional sizes and solid lube modification codes are available.
For each part number listed below with modification code SLA, the maximum operating temperature with solid lube fill is 200° F (93° C).
The base oil viscosity in centiStokes with modification code SLA solid lube fill ranges from 140 cSt at 104° F (40° C) to 14 cSt at 212° F (100° C).

Bearing Part Number with Solid Lube Fill	Maximum Operating Speed with Solid Lube Fill, RPM	Bearing Part Number with Solid Lube Fill	Maximum Operating Speed with Solid Lube Fill, RPM	Bearing Part Number with Solid Lube Fill	Maximum Operating Speed with Solid Lube Fill, RPM
22205EJW33C3SLA	2210	22224EJW33C3SLA	510	22326EJW33C3SLA	410
22206EJW33C3SLA	1850	22226EJW33C3SLA	470	22328EJW33C3SLA	390
22207EJW33C3SLA	1590	22228EJW33C3SLA	440	22330EJW33C3SLA	360
22210EJW33C3SLA	1210	22230EJW33C3SLA	400	23224EMW33C3SLA	510
22211EJW33C3SLA	1100	22232EJW33C3SLA	380	23226EJW33C3SLA	470
22216EJW33C3SLA	770	22234EJW33C3SLA	350	23228EMW33C3SLA	440
22217EJW33C3SLA	720	22313EJW33C3SLA	830	23230EMW33C3SLA	400
22218EJW33C3SLA	680	22315EJW33C3SLA	720	23232EMW33C3SLA	380
22220EJW33C3SLA	610	22318EJW33C3SLA	610	24134EJW33C3SLA	380
22222EJW33C3SLA	550	22324EJW33C3SLA	450		

**Request Timken Solid Lube for Timken spherical roller bearings, cylindrical roller bearings, tapered roller bearings and other products. Contact your Timken representative to learn more.*

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

www.timken.com

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