

CAT® BEARINGS:

**ENGINEERED FOR DURABILITY.
DESIGNED TO DELIVER VALUE.**



Help maintain productivity, support lowering your total cost of ownership and encourage extended service life with Cat® bearings for your drivetrain. Designed to work as part of a system, Cat bearings easily integrate alongside other Cat drivetrain components to increase reliability and uptime.

KEY BENEFITS

Helps extend component life in demanding applications

Assists in reduced frequency of repairs and maintenance events

Supports lower total cost of ownership

Designed to deliver reliable performance in demanding environments

Engineered as a complete system

WHAT MAKES CAT BEARINGS DIFFERENT

Standard Industry Bearings	Cat Bearings	What Cat Customers Can Expect
Through-hardened designs	Case-hardened heat treatment	• Longer component life with durable wear surface • Engineered with a tough, resilient core to help withstand shock loads and demanding conditions • Resists wear from debris particles
Conventional geometry	Improved crown profile	• Improves load distribution across contact areas • Reduces edge stress and uneven wear
Generic finishing	Enhanced surface finishes	• Decreases friction and heat generation • Helps protect critical components from wear by maintaining oil film integrity
Standard tolerances	Precision tolerances	• Reduces vibration, noise, and premature wear, maintaining alignment within assemblies • Enables reliable performance in real-world conditions
Conventional materials	Advanced materials	• Helps reduce system-generated debris • Increases durability in harsh environments, extending wear life



A DEEPER DIVE INTO THE VALUE OF CAT BEARINGS

ENGINEERED AS A COMPLETE SYSTEM

Cat bearings are designed as part of an integrated Cat drivetrain system. Engineered using real-world machine data and over 100 years of design expertise, Cat bearings help boost overall performance, supporting:

- Load distribution across duty cycles
- Machine operating speeds and RPM ranges
- Temperature conditions across environments
- Equipment size, weight and configuration

Anticipated Result: Better load handling, reduced stress and longer component life.

TESTED AND PROVEN IN DEMANDING APPLICATIONS

Cat bearings offer enduring performance in the toughest environments, including:

- High-load construction applications with constant severe impacts
- 24/7 mining operations with extreme loads and extended duty cycles
- Contaminated environments with dust, debris and variable conditions

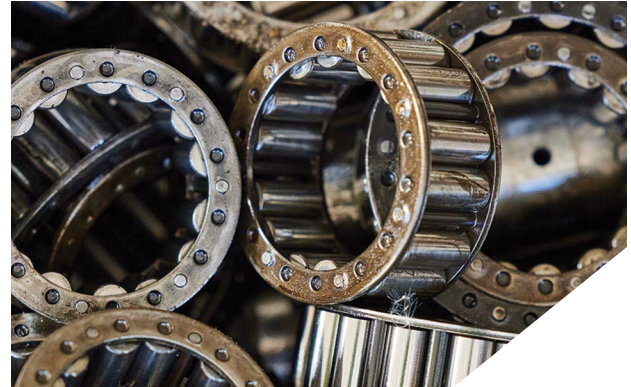
Anticipated Result: Consistent reliability in conditions where standard bearings may fail prematurely.

DELIVERING MEASURABLE VALUE

Cat bearings are engineered to provide reliable machine performance, helping deliver:

- Fewer failures and repair events
- Extended service intervals and higher productivity
- Reduced downtime and lower total cost of ownership

Anticipated Result: Higher returns by operating more efficiently and cutting down on repair costs.



SIMPLIFIED MAINTENANCE SOLUTIONS AND REBUILD SUPPORT

Streamlined maintenance solutions, like Cat anti-friction bearing kits, are available to get you back up and running fast, helping to:

- Reduce rebuilding costs
- Extend usable component life
- Improve long-term equipment value

Anticipated Result: More streamlined rebuild and repair options that set you up for longer, more productive lifecycles.

**Applications includes transmissions, final drives and differentials.*

CONTACT YOUR CAT DEALER

Your Cat dealer is ready to help you with your next step. Get expert guidance on which repair solutions support your goals, Caterpillar's lifecycle benefits, and how to avoid unexpected downtime with optimized lubrication and maintenance strategies.

Reach out to get started.