

CAT® CYLINDERS & RODS FOR MINING

PROVEN PERFORMANCE. POWERFUL PARTS.

TAKE A CLOSER LOOK AT HOW CAT® HYDRAULIC CYLINDERS
AND RODS BRING VALUE TO YOUR MINE SITE.



CAT®

THE PERFECT FIT

It's no coincidence that Cat[®] cylinders and rods are the perfect fit every time. They're engineered to precise specifications.

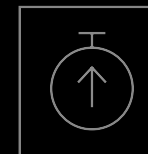
What else makes them the right fit?

An ability to endure tough mine site conditions, keep out contamination, and maximize productivity and component life. Plus, with five levels of repair options available, you'll have the support you need to run your operation around the clock.



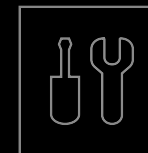
THE CAT DIFFERENCE

Cylinders and rods are the muscles of your machine. They play a key role in your equipment, operating under pressure and achieving continuous motion. That's the Cat difference. Here's what Cat cylinders and rods can bring to your equipment:



RELIABILITY AND UPTIME

Cat cylinders and rods are engineered to withstand the demands of your mine site, giving you more uptime. The cylinder barrel is designed to reduce the risk of contamination and the rods are built for a stronger joint bond, among many other features that make Cat cylinders and rods long-lasting and consistent.



FLEXIBILITY AND SUPPORT

Cat cylinders and rods are built to last but when it comes to repairs, you have a lot of options. Choose from reseals, full rebuilds, Cat Reman exchanges, or new Cat components. Whatever your budget and project needs, we've got you covered.



PEACE OF MIND AND SAFETY

New and Cat Reman components are backed by our 12-month warranty* so you can be confident you'll have solutions if a challenge arises. Additionally, Cat dealers employ long-tenured technicians and industry experts well-versed in what safety measures to take.

* Warranty can vary by model and application; limitations may apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

SUCCESS IS IN THE DETAILS

Cat cylinders and rods were designed with the most intricate details in mind. There are a number of elements that allow our cylinders and rods to perform at such a high level.

HARDNESS

Not only are Cat cylinders and rods induction hardened and chromed for scratch resistance, they feature a friction-welded eye joint for maximum durability.

BEND AND DENT RESISTANCE

Because our rods are made without voids associated with arc welding, they have a greater resistance to denting and bending, ultimately helping keep out contaminants.

LONGER ROD AND SEAL LIFE

Our innovative sealing system absorbs pressure spikes and withstands against side loading, which results in longer component life.

LESS RISK OF CONTAMINATION

Because of Cat cylinders and rods' resistance to bending, seal life is extended and dirt and other contaminants are kept from entering the system.

NEW AND CAT REMAN OPTIONS

With new and Cat Reman parts, you'll get the most up-to-date engineering improvements that maximize machine productivity and component life.



CONTAMINATION DEFENSE

Contamination prevention is key to the success of your hydraulics because it allows you to efficiently operate, perform repairs, and stay within the confines of your budget. Cat cylinders and rods keep out contamination with design elements like resistance to bending, an innovative sealing system, and a comprehensive contamination control program that offers cost-effective repair options. Defend against contamination with Cat cylinders and rods.



MAINTENANCE AND REPAIRS

Conducting regular maintenance could be the difference between debilitating downtime and staying right on schedule. That's why it's crucial to have a variety of repair options to make maintenance decisions easy.



CATERPILLAR OFFERS FIVE LEVELS OF REPAIR OPTIONS FOR YOUR CYLINDERS & RODS:

LEVEL 1

RESEAL

- + Lowest-cost option
- + Restore undamaged components with dealer service or DIY kits

LEVEL 2

REPAIR

- + Quick dealer service
- + For lightly damaged cylinders
- + Retains reusable parts for cost efficiency

LEVEL 3

REBUILD

- For severely damaged cylinders and rods**
- + Includes engineering updates for like-new result
- + Retain reusable parts for cost efficiency

LEVEL 4

CAT REMAN

- + Significantly less than the cost of new parts with core return
- + Includes engineering updates for a like-new result
- + Sustainability benefits*

LEVEL 5

NEW

- + Worldwide availability
- + Factory-assembled
- + Genuine Cat parts

*Any Cat Reman sustainability statements represent U.S. environmental impacts comparing "gate-to-gate" remanufacturing and manufacturing processes for engines and components. Based on 2018 external study of Cat engines, alternators and turbochargers. Does not include impacts elsewhere in our value chain.



CUSTOMER VALUE AGREEMENTS (CVAS) FOR MINING

Tailored by you and your dealer, CVA solutions can range from delivered maintenance kits to flexible payment options and custom component cost-per-hour guarantees. Regardless of how you customize your mining CVA you can expect hassle-free maintenance and ownership, peace of mind from equipment health management, and security of expert dealer support.

THE CAT DEALER NETWORK

Cat dealers are trained experts and can support you in making the best decisions for your machine, application, owning, and operating needs. Working with Caterpillar means more than just reaping the benefits of quality equipment, it means benefiting from quality relationships with the global network of Caterpillar professionals who support your operation.



TOGETHER, WE'RE MINING BETTER

We're committed to helping customers mine better; whether through equipment or dealer-offered services. It's our mission to achieve the highest levels of safety, efficiency, productivity, and sustainability.

Thank you for being a Caterpillar customer. It's our pleasure to support your operation.



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