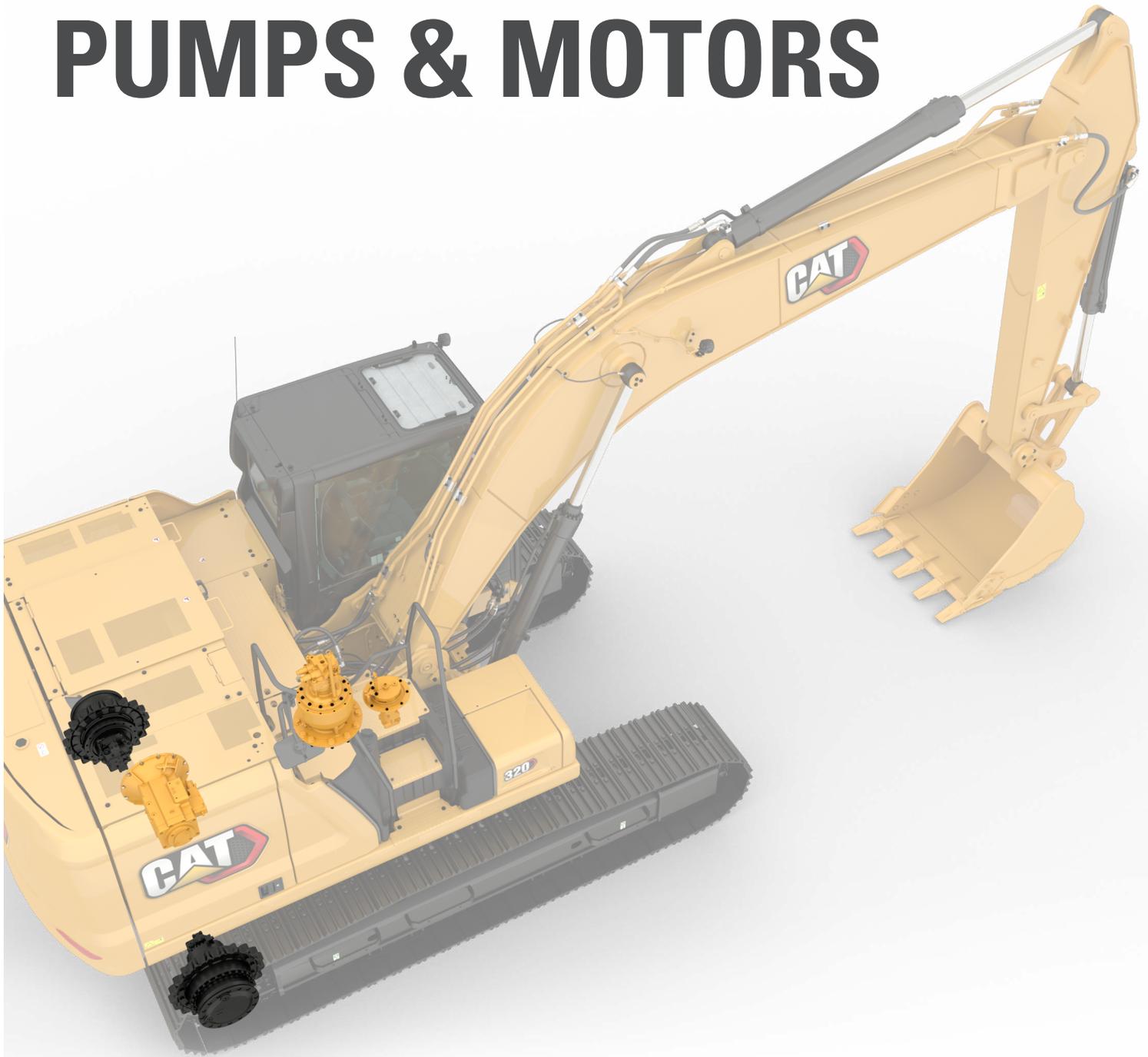


CAT[®] HYDRAULIC PUMPS & MOTORS



**EXCLUSIVE FEATURES, PERFORMANCE
AND PEACE OF MIND**

**UNIQUELY DESIGNED FOR CAT[®] MACHINES
ENHANCED DURABILITY AND PERFORMANCE
CATERPILLAR LIMITED WARRANTY**



EXCLUSIVE FEATURES, PERFORMANCE AND PEACE OF MIND

Cat® hydraulic pumps and motors are precisely designed and manufactured to meet the requirements of your equipment. Our pumps are 100% tested before they leave our facilities. Robustly designed, durable, high-end materials and precision tolerances make Cat hydraulic pumps and motors stand out.

UNIQUELY DESIGNED FOR CAT MACHINES

Designed with exclusive features for enhanced performance, durability, and seamless integration in a highly refined, holistic hydraulic system.

INCREASED DURABILITY & PERFORMANCE

Meets machine specifications out of the box to work with machine controls for reduced downtime. Custom splines, control pistons and lubrication system designed for Cat applications for longer pump life.

CATERPILLAR LIMITED WARRANTY

Covers resultant damaged Cat parts in the event of a failure.*

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



PUMP VARIETIES AND FEATURES ACCOMMODATE EVERY APPLICATION



GEAR PUMPS

Gear pumps are an incredibly helpful and versatile piece of equipment. With the use of rugged journal bearings, high-pressure end plates, and high-temperature seals, these pumps are designed to withstand intense conditions and extend the life of their components. With such an innovative design, gear pumps can truly push the boundaries of technological limits.

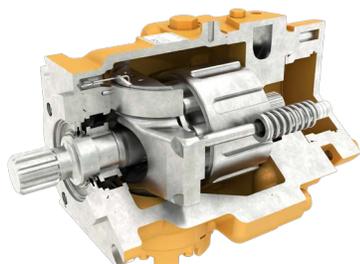
- + Simple, rugged, and least expensive
- + Higher resistance to contamination
- + Well suited to lower-pressure, higher-flow applications
- + More durable and reliable two-piece cast iron vs. three-piece aluminum design helps prevent shaft seal leaks that may result from impact
- + Smaller units use valves to improve hydraulic system integration
- + Available in fixed-displacement option



VANE PUMPS

Vane pumps, found on older machines, feature cam-rings that are designed to handle tougher duty cycles, including increased pressure limits. Additionally, their pressure plates and pressure seals are designed to be more durable and dependable for long-term use.

- + Simple and inexpensive
- + Used in less-demanding applications



PISTON PUMPS

Piston pumps are highly refined to satisfy your growing demand for increased hydraulic system efficiency, longer service life and improved overall value. Each pump model is customized to increase performance and life for a specific application.

- + More efficient
- + Higher pressure capabilities
- + Pumps and motors are available in variable and fixed displacement configurations.*

*Consult your dealer for available options.

KEY POINTS OF DIFFERENTIATION

Our products are designed to increase uptime and extend your machine's component life. We conduct rigorous testing and validation under real-world conditions, for improved operational stability and longevity of both components and the hydraulic system. Our efficient hydraulic fluid flow control improves service life, while our power density increases efficiency and performance. Additionally, our noise emissions are designed to be low, promoting job site safety.

REPAIR OPTIONS MAKE REPAIR OR REPLACE DECISIONS EASY THE CHOICE IS YOURS

Your Cat dealer is your go-to source for any hydraulic component repairs and replacements. They offer a wide selection of repair and maintenance services that range from basic and economical services, such as pump rebearing and reseat, to full-component replacement using remanufactured (Cat Reman) or brand-new Cat parts. With your dealer, you can find a repair option that fits your budget and time requirements.

LEVEL 1: RESEAL



Resealing your pump is the lowest-cost option. Restore undamaged components with fast dealer turnaround service or order DIY kits.

- Lowest-cost option

LEVEL 2: REPAIR

Do your components show light damage? Then this is the option for your machine. A quick turn-around from your experienced dealer delivers results and gets you back to work quickly.

- Ideal for lightly damaged pumps and motors
- Retains reusable parts for cost efficiency

LEVEL 3: REBUILD



When you have older and worn components a rebuild is the right choice. It retains usable parts for cost efficiency and includes engineering updates for a like-new result.

- For more severely damaged pumps and motors
- Retains reusable parts for cost efficiency

LEVEL 4: CAT REMAN

When you select the Cat Reman option, you'll receive like-new performance and quality at a fraction of the cost of new, including a same-as-new Caterpillar Limited Warranty.¹ Off-the-shelf availability business model helps minimize downtime versus rebuilding a component, while less energy and materials are used compared to the manufacture of new parts.

¹Warranty can vary by model and application; limitations may apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

- ~65-85% cost of new parts²
- Less greenhouse gas process emissions and less process energy used³
- ~80-90% less new materials used³

²Cost savings based on return of core; core conditions apply.

³Represents 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.

LEVEL 5: NEW



Genuine Cat parts are factory-assembled and available worldwide.

- Genuine Cat parts
- Factory-assembled
- Ready to go
- Available worldwide

*Not all dealers provide all repair levels. Please consult your local dealer for more information.

MORE THAN PARTS AND COMPONENTS

When you buy Cat parts, components, or equipment, you get so much more. You also get the support of a best-in-class dealer network, backed by a range of flexible solutions, technology, tools and more.



CUSTOMER VALUE AGREEMENTS

The Performance Customer Value Agreement (CVA) gives you the protection your business can count on. Hydraulic pumps power your machine and operation. Neglecting hydraulic system maintenance is the primary reason for system and component failure. The Performance CVA protects your hydraulic pumps with attentive maintenance, ensuring you get the most power and productivity out of your machine.

FINANCING & EXTENDED PROTECTION

Cat Financial offers tailored financing options for your business such as buying equipment, protecting investments beyond the standard warranty, and using equipment equity to drive business growth. Plus, you can manage your online account anywhere, any time and using any device.

CAT INSPECT

Access your equipment data on your mobile device. This easy-to-use app lets you capture inspection data and integrates with your other Cat data systems, so you can keep a close eye on your fleet.

HYDRAULIC HOSE & COUPLINGS

Cat hose and couplings exceed industry standards to assure performance across all makes and all models.

HYDRAULIC CYLINDERS & RODS

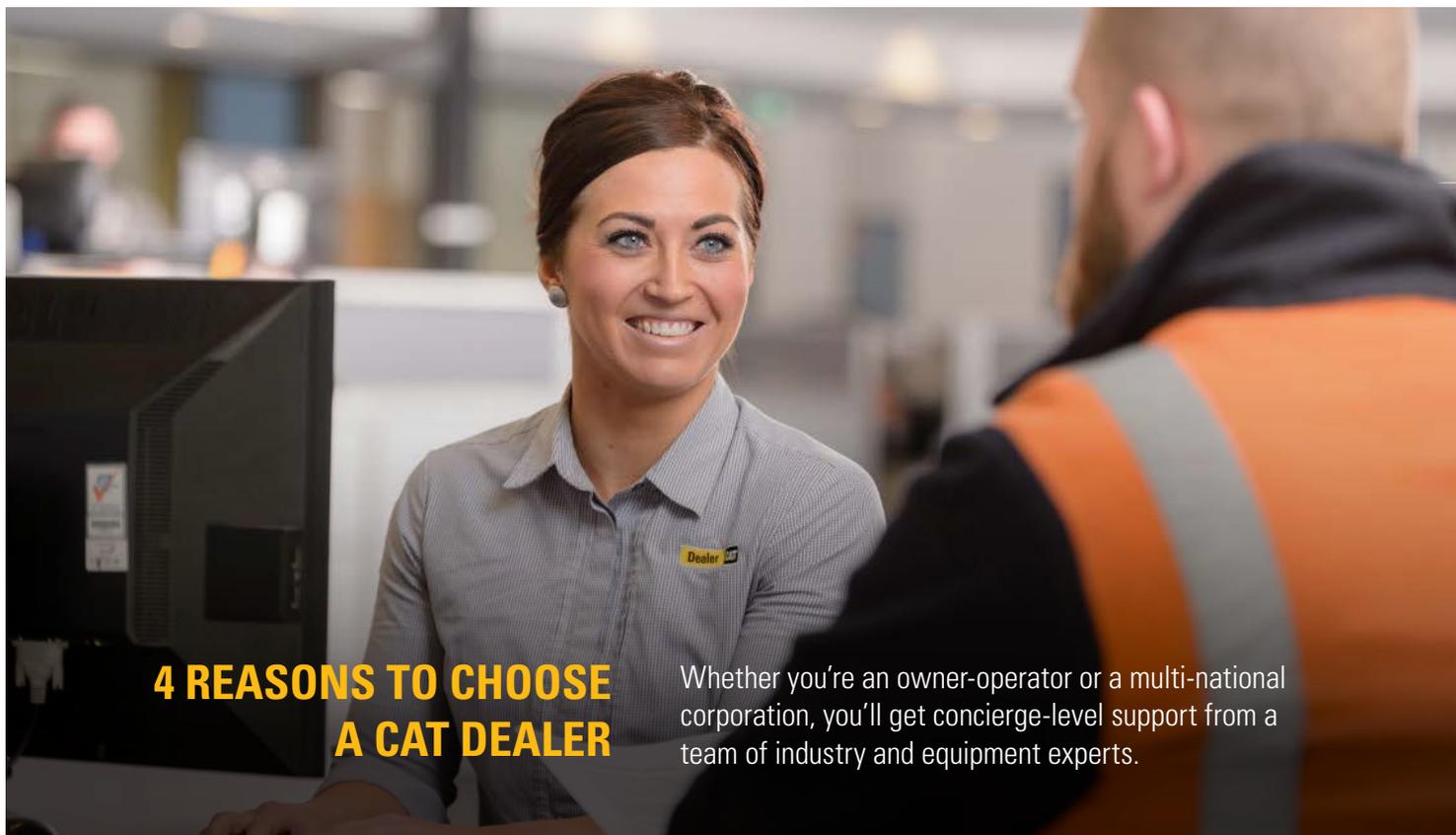
Cat hydraulic cylinders and rods can help protect the muscles of your machine by increasing productivity and part life.

FILTERS & FLUIDS

From unique design to proven results, Cat filters and fluids deliver enhanced protection for your Cat equipment.

THE CAT DEALER NETWORK THEY'RE NOT JUST A CAT DEALER. THEY'RE *YOUR* CAT DEALER.

You are supported by the largest, most experienced dealer network in the industry. When you collaborate with a Cat dealer, you get more than basic maintenance or repairs. You get a personal partner who will do whatever it takes to help you succeed.



4 REASONS TO CHOOSE A CAT DEALER

Whether you're an owner-operator or a multi-national corporation, you'll get concierge-level support from a team of industry and equipment experts.



LOCAL PARTNERS

Cat dealers are locally operated by people who are invested in your success. Many customer-dealer relationships go back generations.



TAILORED SUPPORT

Your Cat dealer will listen to your unique needs and find the right solution for your business, budget, and goals.



ONE STOP SHOP

From engines to gensets to machines, your Cat dealer can support all your equipment needs, from purchase to consignment. No need to go elsewhere.



SEASONED EXPERTS

Cat dealers employ long-tenured technicians and industry-specific experts to give you the best support possible.



CAT[®] HYDRAULIC PUMPS & MOTORS

CAT DEALERS DEFINE
WORLD-CLASS
PRODUCT SUPPORT.

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com
Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.
See your Cat dealer for available options.

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www.cat.com

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