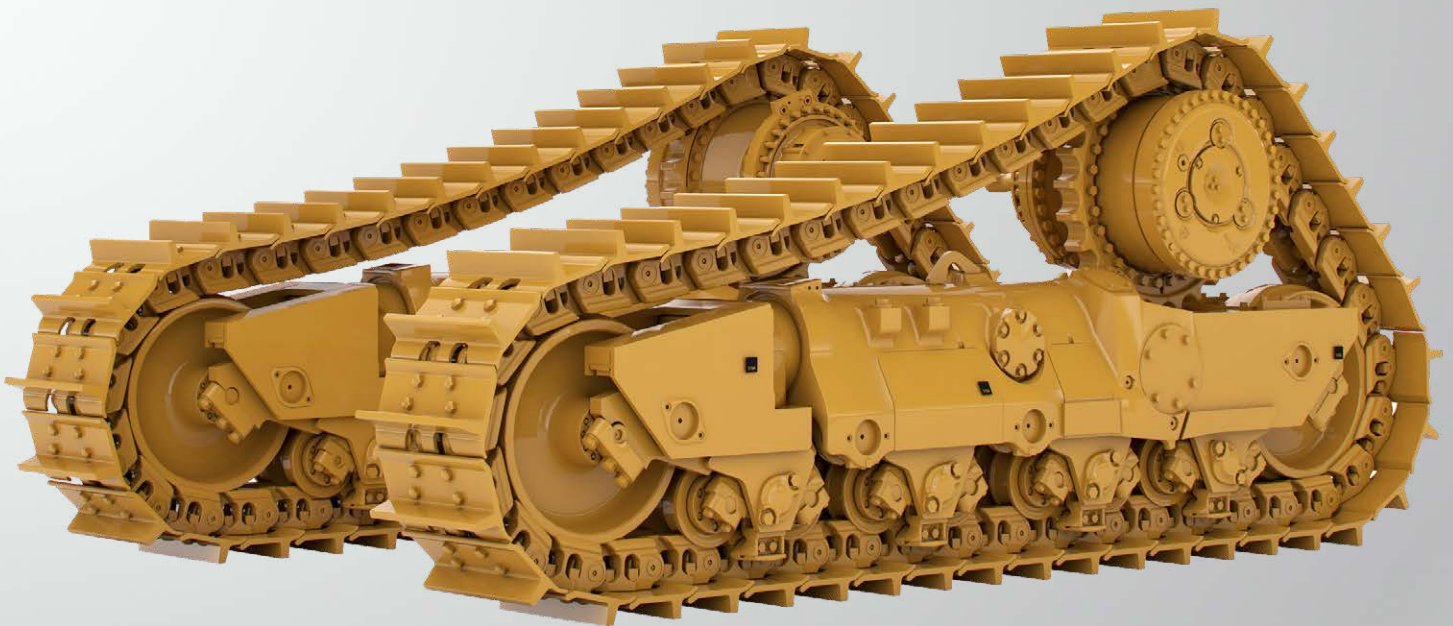


REPAIR SOLUTIONS

# UNDERCARRIAGE

FOR STEEL TRACKS



# THE CAT® UNDERCARRIAGE DIFFERENCE

## WORK IT HARD, MAKE IT LAST, FIX IT RIGHT

Get the most from your undercarriage purchase by investing in a system that will deliver the most value. We design and build our own undercarriage, giving us 100% quality control for a machine-specific product match and low owning and operating costs.

UNDERCARRIAGE REPRESENTS AN AVERAGE **50%** OF YOUR MACHINE'S OWNING AND OPERATING COSTS.

## UNDERCARRIAGE SYSTEM MANAGEMENT SOLUTIONS – MAKING REPAIRS SIMPLER

Cat® undercarriage is designed to work and wear as a system. Managing and maintaining this system will reduce wear and help minimize costs. **Custom Track Service (CTS)** is a comprehensive program that can help manage your undercarriage. Utilizing the most advanced diagnostic equipment, dealers can use CTS to accurately monitor undercarriage performance and predict wear rates, allowing you to weigh service options.

Another tool to help manage and schedule downtime on your time, is the addition of the **Cat Track Wear Sensor (CTWS)** on select dozer and track loader models. This sensor remotely monitors the wear on your undercarriage to predict wear-out for easier planning and helping minimize downtime.

With this revolutionary system, you can expect automated alerts at key wear percentages, convenient for your scheduled replacement of the track and integrated with the **Cat Wear Management System**.

Replacing tracks on your hydraulic excavator? Caterpillar's **Clamp Master** saves you time and money. This improved clamping master track link assembly replaces both slip style and press fit joints. No special pin required and no need for a portable field press, means you get back to work faster.

Talk with your Cat dealer to learn more about what these services and solutions can do for you and your machine.

## IT'S ALL ABOUT MOVING MORE MATERIAL, MORE EFFICIENTLY

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRACK TENSION                  | As track sag decreases by even two inches, you have 4,000 pounds more of tension on that track. Cat dealer Parts and Service Sales Representatives are highly skilled in reviewing your application and machine to manage the correct track tension and help minimize stress and wear on the tracks. Improper track tension will increase track wear, resulting in less track life.                                                    |
| ROLLER & IDLER SEAL TECHNOLOGY | Caterpillar's proprietary Duo-Cone™ Seals maintain a lifetime of lubrication, eliminating wear and reducing roller and idler maintenance.                                                                                                                                                                                                                                                                                              |
| LINK ASSEMBLY TECHNOLOGY       | The Cat Heavy Duty Tracks significantly reduce internal pin and bushing wear. The result is an average of 50% increase in bushing life, extended system life and greatly reduced operating costs. Caterpillar has engineered link assemblies to include technologies such as sophisticated heat-treat processes, cross-drilled track pins, polished bushing end faces and rigid seal designs, which lead to longer overall track life. |

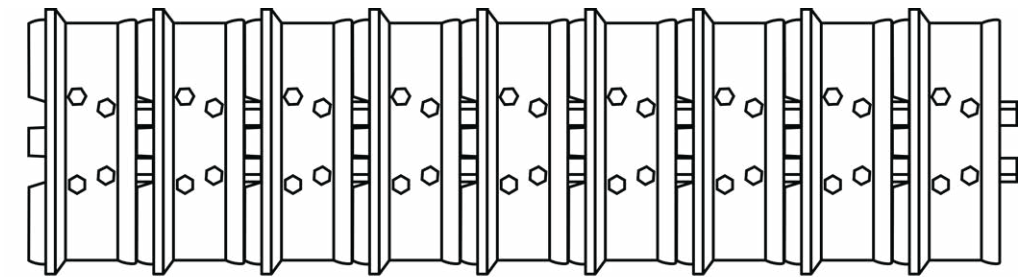
| CAT TRACK LINKS              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| FEATURES                     | BENEFITS                                                               |
| <b>HIGH</b> body hardness    | <b>GREATER</b> fatigue resistance and better pin and bushing retention |
| <b>UNIFORM</b> rail hardness | <b>INCREASED</b> wear life                                             |
| <b>HIGH</b> rail design      | <b>INCREASED</b> link and roller wear life potential                   |
| <b>MASSIVE</b> strut design  | <b>RESISTANCE</b> to cracking failures                                 |
| <b>SELF-LOCKING</b> nut seat | <b>EASY</b> installation and removal of shoes                          |
| <b>REBUILDABILITY</b>        | <b>LOWER</b> owning and operating costs                                |

# SOLUTIONS

## CHOOSE THE BEST SOLUTION FOR YOUR REPAIR

|               | PURCHASE PRICE | MACHINE UTILIZATION | ABRASION | IMPACT |
|---------------|----------------|---------------------|----------|--------|
| GENERAL DUTY  | ●              | ●●                  | ●●       | ●●     |
| HEAVY DUTY    | ●              | ●                   | ●        | ●      |
| HEAVY DUTY XL | ●              | ●                   | ●●       | ●      |
| CAT® ABRASION | ●              | ●                   | ●        | ●●     |

● HIGH ● MODERATE ● LOW



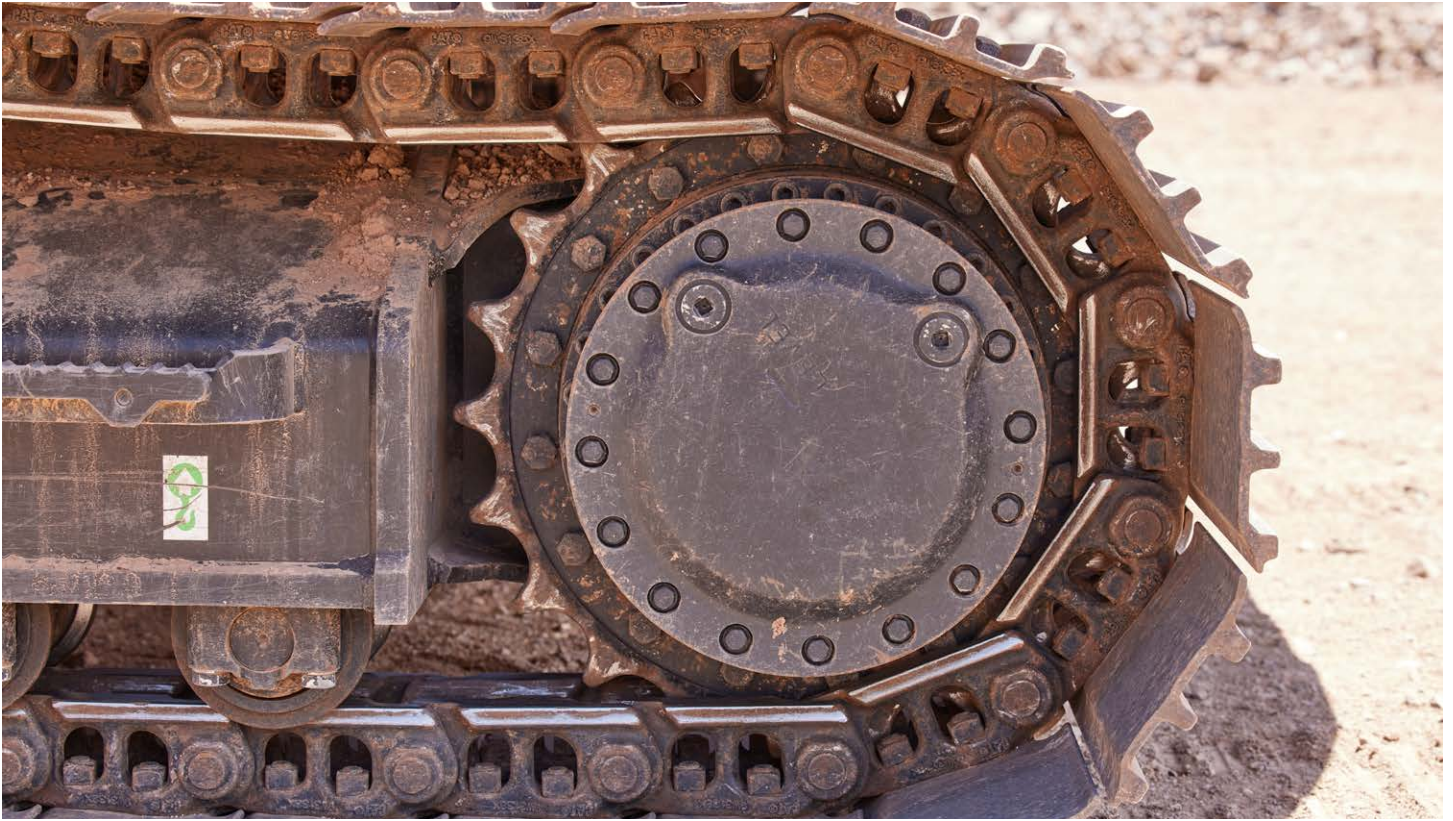
## UNDERCARRIAGE OPTIONS:

### FOR ALL OF YOUR TRACTOR MODELS

| GENERAL DUTY                          | HEAVY DUTY                             | HEAVY DUTY XL | CAT ABRASION                          |
|---------------------------------------|----------------------------------------|---------------|---------------------------------------|
| D1-D9 Dozers<br>953-973 Track Loaders | D1-D11 Dozers<br>953-973 Track Loaders | D5-D11 Dozers | D1-D6 Dozers<br>953-963 Track Loaders |

### FOR ALL OF YOUR EXCAVATOR MODELS

| GENERAL DUTY       | HEAVY DUTY         | HEAVY DUTY XL (HDXL)                     |
|--------------------|--------------------|------------------------------------------|
| 311-395 Excavators | 311-352 Excavators | 315-326 Excavators<br>349-395 Excavators |



# UNDERCARRIAGE

## GUARANTEED TO LAST

Genuine Cat new and Cat Reman parts are covered by a 12-month Caterpillar Limited Warranty<sup>1</sup> against defects in material and/or workmanship.

**Contact your Cat dealer to discuss a range of solutions that can be tailored to meet your needs.**

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