

UNDERCARRIAGE OPTIONS

CAT[®] UNDERCARRIAGE OPTIONS FOR SMALL DOZERS





MORE THAN THE RIGHT CHOICE... THE BEST CHOICE

Every customer, every job, every machine—every choice you make has an impact on your business. Your success rides on choosing the equipment and tools that deliver the best productivity, durability, and value for your applications.

We offer more undercarriage options for your Cat® machines than any other manufacturer because we know that the more precisely you match iron to application, the more effective and efficient your work will be. Whether you're looking for the lowest upfront cost, longer wear life or lower operating costs per hour, we have the right undercarriage solution for your business.

Every Cat Undercarriage is designed by Caterpillar engineers and built to exacting specifications based on the real-world experience of our customers. And our undercarriage systems come with industry-leading Undercarriage Assurance, so when you choose a Cat Undercarriage you know it's not just the right choice, it's the best choice.

LET'S DO THE WORK.™

UNDERCARRIAGE SELECTION MATTERS

One of the most important factors in helping you achieve the lowest owning and operating costs and maximizing equipment uptime is matching the right undercarriage option to your specific machine model and work application.

Your Cat dealer has the knowledge and tools to help you choose the best undercarriage configuration for your equipment and your job. When consulting with you, dealers use these tools and take key factors into account to recommend proven Cat components to help you get the job done.

KEY SELECTION FACTORS TO CONSIDER

TRACK FRAME CONFIGURATION Extended (XL), Low Ground Pressure 30" (762mm) shoes (LGP)

WIDTH OF TRACK SHOES Triple Grouser Shoes 14" (355mm) width, Single Grouser Shoes ranging from 16" - 30" (406mm - 762mm)

TYPE OF TRACK SHOE Moderate Service, Single Grouser, Triple Grouser, Center Punch, Self Cleaning

BLADE TYPE Variable-pitch Power Angle/Tilt (VPAT), Two-way, H-frame

REAR ATTACHMENT Winch, Ripper, Counterweight, Drawbar

UNDERFOOT CONDITIONS Light, Moderate or Severe Abrasion and Impact

TERRAIN Side Slopes, Ground Objects and V-ditching

PACKING CONDITIONS Operating in extrusive materials, which can usually be squeezed out from between track parts when wet, for example, clay soils

Operating in non-extrusive materials, which can't be extruded from the link windows and track shoe center holes of most undercarriage tracks, for example, branches



UNDERCARRIAGE APPLICATION GUIDE

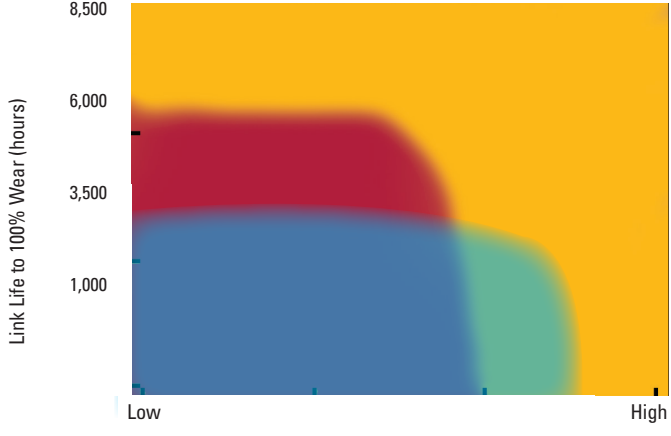
Life/Abrasion Matrix

GENERAL DUTY

Although General Duty covers a wide range of applications, it is designed for low-to-moderate impact conditions. There are multiple factors to consider when making an undercarriage selection including: ownership period, hours of machine usage, purchase price and cost-per-hour. Your Cat dealer can help you select the best undercarriage for your application and job requirements.

COST-PER-HOUR ANALYSIS

Dealers use undercarriage tools to run cost-per-hour scenarios to help determine which undercarriage option is the best fit for your business requirements. So be sure to consult with your Cat dealer to select the right undercarriage solution for the job—and your bottom line.



FIND THE RIGHT UNDERCARRIAGE

We've been helping customers find the best undercarriage for their job requirements for over a century—longer than anyone else in the business. You get the benefits of that experience.

WHAT IS THE BEST FIT FOR YOU?

Your work environment is the most important element in selecting an undercarriage to meet the demands of your business and your budget. Answering the following questions will help you choose the right Cat Undercarriage for your business:

- + How long will I own this machine?
- + How many hours a week will I be using this machine?
- + What are my typical ground/soil conditions?
- + What are my impact conditions?
- + What attachments are on my track-type tractor?
- + What are the grades/slopes on my job site?

The more precisely you define these parameters, the more effective your choice will be.

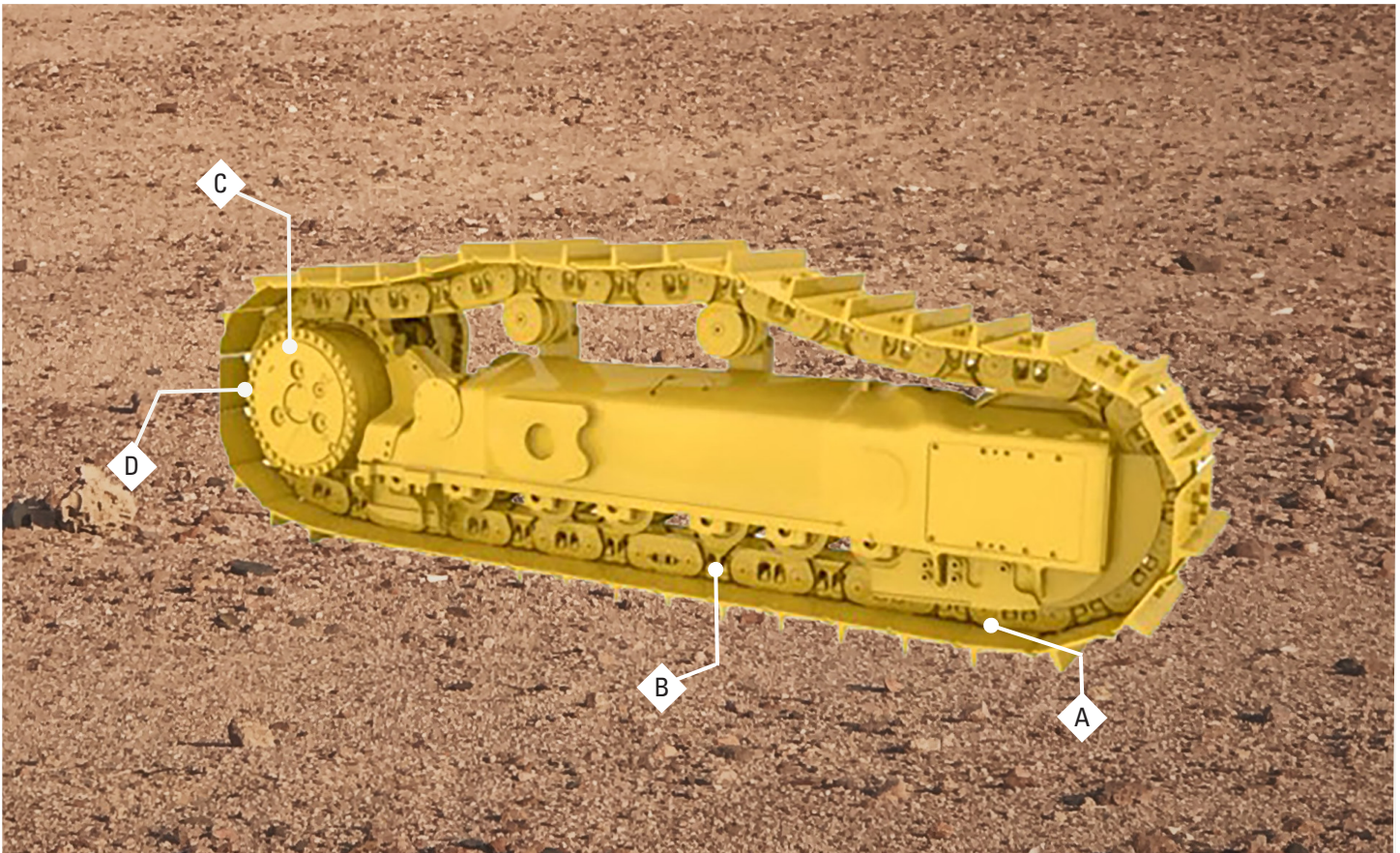
		GENERAL DUTY	HEAVY DUTY	CAT ABRASION™
DOZER COMPATIBILITY	D1 (D3K2, D3K, D3G, D3C, D3B)	•	•	•
	D2 (D4K2, D4K, D4G, D4C, D4B)	•	•	•
	D3 (D5K2, D5K, D5G, D5C)	•	•	•



CAT ABRASION™ UNDERCARRIAGE

THE LEADER IN LOWEST COST PER HOUR

Cat Abrasion is built on proven Cat Rotating Bushing technology that extends undercarriage wear life. Combined with an advanced proprietary cartridge design that dramatically improves sealability, Cat Abrasion delivers the lowest cost per hour in high-abrasion, low-to-medium impact applications.



KEY BENEFITS OF CAT ABRASION™ UNDERCARRIAGE

- + New Extended Life (XL) coating reduces end grooving, corrosion and seal lip wear
- + New track seal and load ring design reduces packing and oil loss in freeze/thaw conditions
- + Refined seal bore geometry enhances material flow through the seal area
- + Tougher thrust ring material resists chipping and cracking



LESS MAINTENANCE

A

Eliminates need for bushing turns in abrasive applications means less time in the shop for your machine



LOWER COSTS

B

Better sealability means less maintenance and reduced costs over the lifecycle of your machine



EXTENDED WEAR LIFE

C

Patented relieved tread idler design extends life up to 2 times longer compared to traditional idlers



SMOOTHER RIDE

D

Eliminates contact between idlers and link rails, minimizing link scalloping for a smoother ride and better finish grading as track wears

Top that off with industry-best undercarriage assurance of up to 6,000 hours on all components and world-class dealer support, and your choices are even better.



HEAVY DUTY UNDERCARRIAGE

TOUGH TRACK FOR TOUGH JOBS

Specifically engineered to match the requirements of a demanding work environment.

In most tough underfoot conditions, Heavy Duty track can extend your undercarriage system life over Cat General Duty, with the greatest benefits realized in aggressive, high-impact applications such as:

- + Logging/reforestation
- + Side-sloping work
- + Rocky conditions
- + Any uneven terrain with wide track shoes (specifically Low Ground Pressure (LGP) machines)

HEAVY DUTY TRACK COMPARED TO GENERAL DUTY TRACK

Results may vary based upon application.

COMPONENT	BENEFIT
LINKS	Greater bushing retention Deeper heat-treat Increased strength
BUSHING	Increased Retention
PIN	Increased Retention



GENERAL DUTY TRACK

PERFORMANCE YOU CAN COUNT ON

We recommend General Duty Undercarriage for your low-to-moderate impact applications where the elevated performance of the Cat Heavy Duty Undercarriage is not needed.

While General Duty track is built to different specifications than Heavy Duty, we design it so General Duty and Heavy Duty components are interchangeable. That eliminates any need for retrofitting and keeps your machine downtime to a minimum. And Cat Heavy Duty shoes can be installed on General Duty link assemblies, making them more flexible to meet your needs.

General Duty also offers track group options, so you can choose the right track group for your application. Your Cat dealer has General Duty parts stocked and available for fast turnaround, keeping you and your machine working.

INDUSTRY-LEADING UNDERCARRIAGE ASSURANCE WITH 4 YEARS/3,000 HOURS

CAT UNDERCARRIAGE SUPPORT

CUSTOM TRACK SERVICE (CTS)

An improperly managed undercarriage can cause downtime and account for more than half of machine maintenance costs. That's why we use the most advanced diagnostic equipment available to provide Custom Track Service (CTS) for maintaining your undercarriage system.

With CTS, we can accurately monitor undercarriage performance and predict wear rates so you can evaluate service options, plan maintenance, and fit downtime into your schedule. And because CTS analysis can be completed on the job site, you can make informed decisions that keep your operating costs as low as possible, without sacrificing uptime.

UNDERCARRIAGE AND WEAR LIFE ASSURANCE PROGRAMS

We're committed to helping you keep your machines working. Our Undercarriage Assurance Programs provide you the lowest cost-per-hour undercarriage systems and support beyond standard new machine or parts warranties.

Caterpillar Undercarriage Assurance covers all major moving undercarriage components on Cat Track-Type Tractors, Track-Type Loaders and Hydraulic Excavators.

See your Cat dealer for full details about coverage for specific undercarriage configuration options.

	GENERAL DUTY	HEAVY- DUTY	CAT ABRASION™	
COVERED COMPONENTS	All Moving Comp	All Moving Comp	All Moving Comp	All Moving Comp
COVERAGE IN YEARS	4	4	4	4
COVERAGE IN HOURS	3,000	4,000	4,000	6,000
COVERAGE IN PERCENT WORN	100%	100%	100%	100%

Stipulations Apply





UNDERCARRIAGE

COMPREHENSIVE SUPPORT

To help you get the most from your Cat Undercarriage, Caterpillar and Cat dealers remain dedicated to providing you with global service and support for all undercarriage configuration options from advanced diagnostics to worldwide parts delivery.

WORLDWIDE PARTS AVAILABILITY

Our industry-standard parts distribution network makes most new parts available to you anywhere in the world, usually within 24 hours.

Materials and specifications are subject to change without notice.

Featured machines in photos may include additional equipment.

Consult with your Cat dealer for more information.