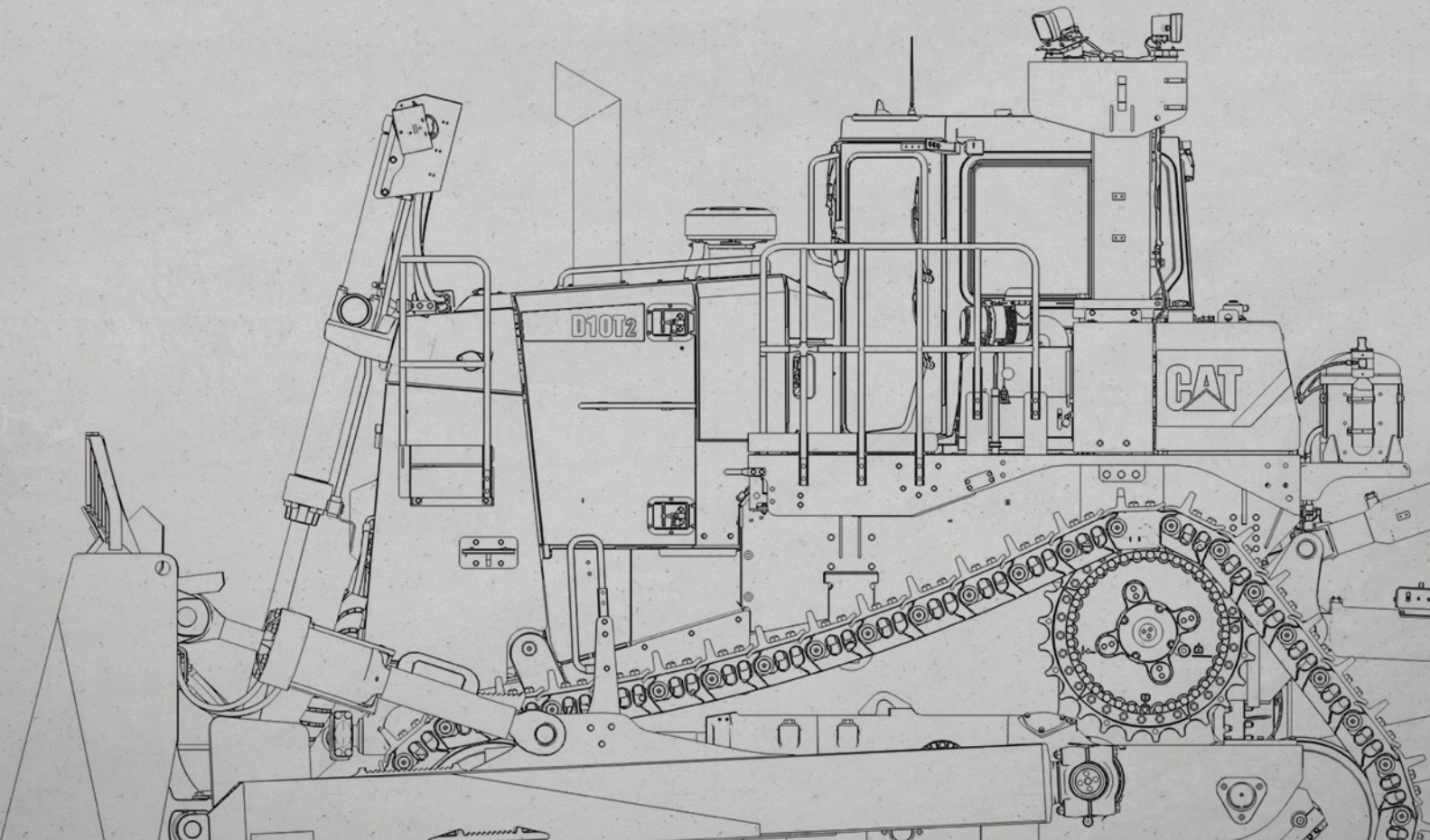


CAT® UNDERCARRIAGE

CAT® HEAVY DUTY EXTENDED LIFE (HDXL) FOR D9-D11 DOZERS

CONTROL
P-54249, D9
LOCAL
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P-54249



CAT HDXL FOR D9-D11 DOZERS

High-load, high-impact conditions. That's the mining industry. You and your dozers have tough jobs to tackle. And to get the work done right, you need equipment that takes heavy duty one step further. Rigorously innovating. Constantly improving.

That's what "Cat® Heavy Duty Extended Life" is about. And all that pays off when it comes to the performance, profits and productivity that come out of it.

HDXL UNDERCARRIAGE WITH DURALINK

- + High-quality materials and carefully controlled manufacturing processes deliver reliable, durable components that wear at a balanced rate.
- + Longer life and predictable, manageable wear mean you get maximum undercarriage performance at the lowest possible operating cost, with planned downtime instead of surprises.
- + Larger diameter bushing with XL coating that significantly improves corrosion resistance, extending the reseal point to 8,000 hours.



THE CATERPILLAR EXCLUSIVE CROWNED DURALINK DESIGN IS A GAME CHANGER

- + By design, it reduces the rate of scalloping by 50%.
- + The crowned link places additional steel where it's most needed to extend wear life.
- + This crowned link delivers thousands of operating hours before wearing to the starting point of competitor tall links — delivering unmatched results.



THE SLEEVE BEARING TRACK DESIGN MAXIMIZES LIFE AND MINIMIZES DOWNTIME

With more than two decades of proven performance in the field, the patented Cat Sleeve Bearing Track design has demonstrated its ability to eliminate galling, improve joint performance and keep your machines working when you need them.

- + **STANDARD** and only available on D11 Track-Type Tractors
- + **DESIGNED** to operate at higher speeds and greater loads
- + **ELIMINATES** galling between pin and bushing
- + **INCREASES** track reseal point to 8,000 hours on HDXL

Because it extends undercarriage life, the need for service before normal bushing turn time is also reduced — reducing maintenance costs and unscheduled downtime. Like all Cat tracks, it's built to last. Longer life and predictable wear mean you get maximum performance at the lowest possible operating cost.

AVAILABLE ON
D11 ONLY

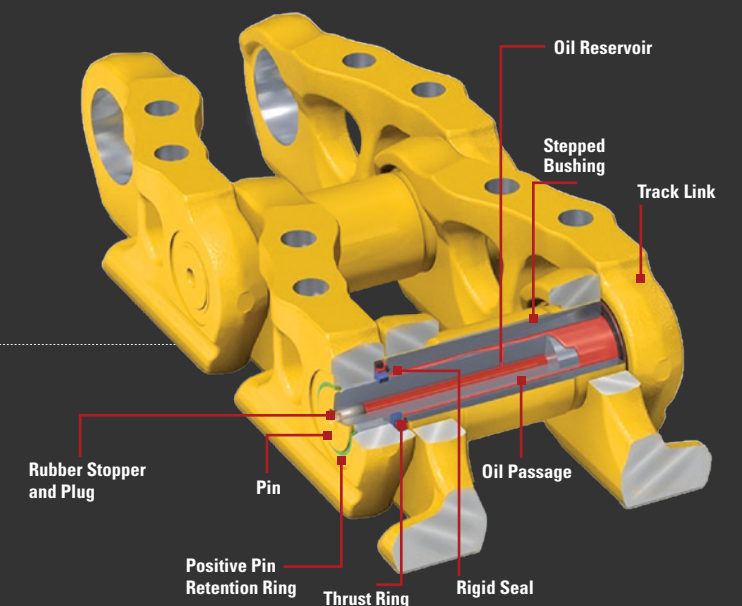
POSITIVE PIN RETENTION (PPR) ON YOUR HDXL TRACK KEEPS THOSE HIGH IMPACT APPLICATIONS ON LOCK

The PPR design on the HDXL track features specially machined links and pins that allow for the use of a metal retaining ring. This ring is pressed into the groove between the pin and link, locking the joint in place. This prevents the outward movement of the links on the pin — which is especially important in high-impact applications.

- + **PREVENTS** the outward movement of the links on the pin
- + **ENSURES** oil retention in high-impact conditions

This **exclusive** Caterpillar design is recommended for applications that generate high impact loading such as mining, heavy construction, demolition and waste disposal. Machines equipped with wider shoes, Extreme Service shoes or Super Extreme Service shoes should also consider PPR track.

AVAILABLE ON
D9-D11



CAT HDXL ROLLER & IDLER

A large dozer taking on tough conditions needs a large roller and idler built to match. It just makes sense. And that's why Cat Heavy Duty Extended Life (HDXL) rollers and idlers were created.

With more wear material, you'll literally get an "extended life" out of your undercarriage. And we all know that means less machine downtime and more time in the work.

- + **LONGER** wear life
- + **LOWER** cost per hour
- + **BETTER WEAR BALANCE** with other undercarriage components
- + **MORE TIME** between maintenance intervals
- + **UNMATCHED** industry performance

KEY FEATURES:

MATCHED FOR HDXL UNDERCARRIAGE
Balanced wear on components

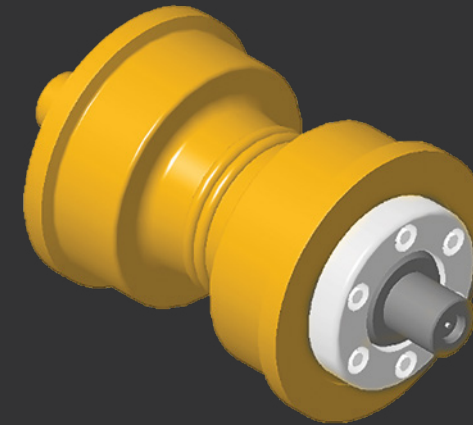
MORE MATERIAL ON TREAD
+ **Up to 40%** more material added to the roller diameter¹

+ **25% more** material added to the idler diameter²

PROPRIETY HEAT TREATMENT
Maximizes strength and wear resistance

¹Percentage of additional material may differ relative to model and baseline component of comparison

²Available for D11-only



TARGETED
FOR HDXL

COMPATIBLE
WITH CAT HDXL AND
HD UNDERCARRIAGE

ADVANCED DESIGN
ONLY AVAILABLE AT CATERPILLAR

*HDXL Roller available as single flange only and can be used in any/all positions.
*HDXL Idler recommended for front positions only due to track roller frame recoil.
*Compared to standard roller.



CAT SUPER EXTREME SERVICE (SES) TRACK SHOES

A big dozer working in hard rock generates extreme stresses on track shoes. To take the punishment, the shoes need more wear material and beefier construction. That's exactly what you get with Super Extreme Service (SES) shoes.

Exclusive to Caterpillar, SES shoes feature up to 30% more wear material and special construction features — delivering maximum uptime and extended track life, while reducing service needs.

- + **TARGETED** for HDXL undercarriage
- + **REPLACEMENT** shoes available for select models
- + **AVAILABLE** on HD PPR (Heavy Duty Positive Pin Retention)

KEY FEATURES:

LARGER GROUSER

Wider and taller for maximum life potential

THICKER TRACK PAD

Thicker pad increases strength

PROTECTIVE TRAILING EDGE

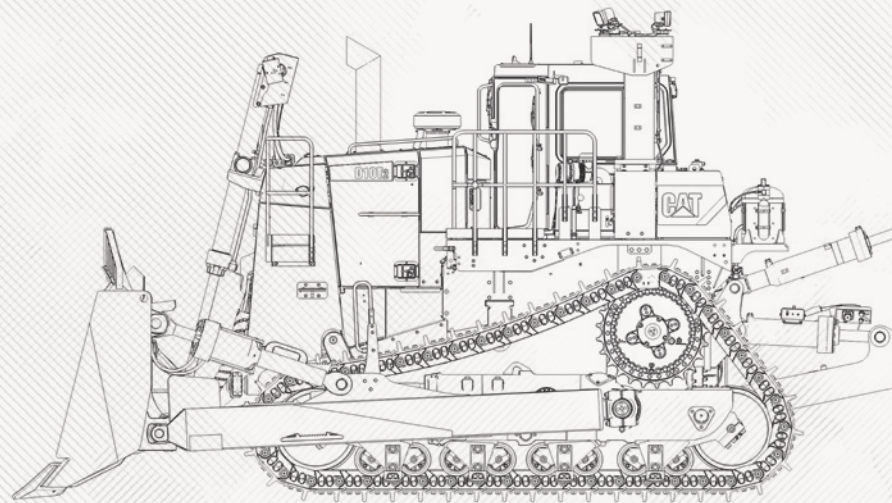
"Whale tail" design improves bolt head protection³

GROUSER RELIEF

Less material in low stress region reduces shoe weight⁴

PROPRIETARY HEAT TREATMENT

Maximizes strength and wear resistance



³ Currently available on D10 and D11 only
⁴ Available on D11-only

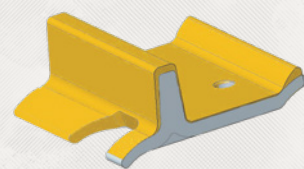
TALK TO YOUR CAT DEALER TO LEARN MORE ABOUT HOW CAT SES SHOES CAN **EXTEND THE LIFE** OF YOUR DOZER'S UNDERCARRIAGE.

10-30% GREATER WEAR LIFE THAN ES SHOES

BETTER WEAR LIFE BALANCE WITH OTHER COMPONENTS

REDUCED SERVICE AND REPLACEMENT DOWNTIME

LOWER COST PER HOUR





WORKING TOGETHER. WORKING BETTER.

Don't try to tackle tough jobs with components that won't cut it. Talk to your Cat dealer about adding HDXL components to your dozer's undercarriage.

When you invest in Caterpillar, you don't just get the best equipment in the industry, you also get the support of the largest (and, we think, best) dealer network out there. 24/7 support and expertise means we're here to help you optimize your operation — anytime, anywhere.



PROTECT YOUR INVESTMENT WITH AN UNDERCARRIAGE CVA

Undercarriage Customer Value Agreements provide hassle-free management solutions that help you get up to 20% more undercarriage life, with pay-as-you-go pricing and flexible dealer support.

Each CVA comes with flexible options to craft a plan for your operation to streamline cash flow, improve machine availability and control your undercarriage cost per hour.

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