# USPs UNDERCARRIAGE

2021 Update

COUNT ON US. GCI Global Construction & Infrastructure

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# USPs UNDERCARRIAGE FOR LARGE DOZERS

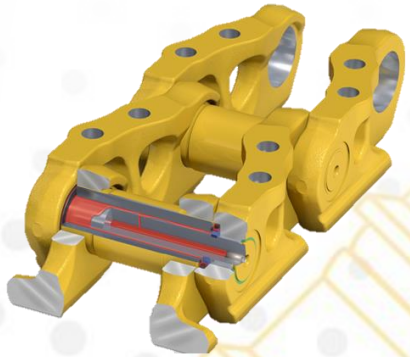
2021 Update

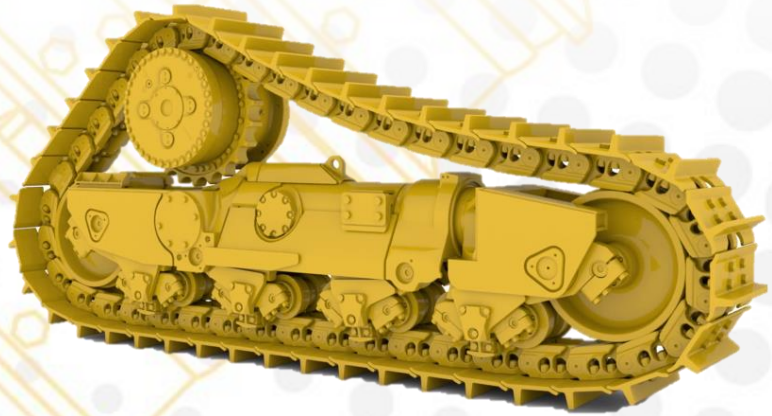
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CAT® UNDERCARRIAGE FOR LTTT

# GENERAL DUTY TRACK







## MARKET POSITION

**Affordable undercarriage designed and manufactured by Caterpillar that delivers lower cost per hour than competitive brands in light-duty, low-to-moderate-impact earthmoving.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/3000 HOURS**

**CAT DURABILITY WITH LOWER OWNING AND OPERATING COSTS**

DURABLE
## CAT DESIGN

- Meets material and manufacturing specifications set by Caterpillar
- Manufactured in a Cat facility to Cat specifications
- Uses proven Cat components and sealing systems such as Positive Pin Retention (PPR)

LOWER
## OPERATING COST

- Lowest upfront cost in Cat undercarriage portfolio
- Capable of bushing turns that can add to longer life and result in lower operating cost
- 100% interchangeability with Heavy Duty undercarriage

INDUSTRY-LEADING
## PERFORMANCE

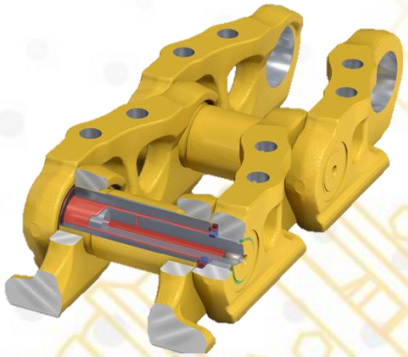
- Best results in low-to-medium-abrasion/low-to-moderate-impact applications with priority on cost control
- Track and components available for D10, D11 System available for D9

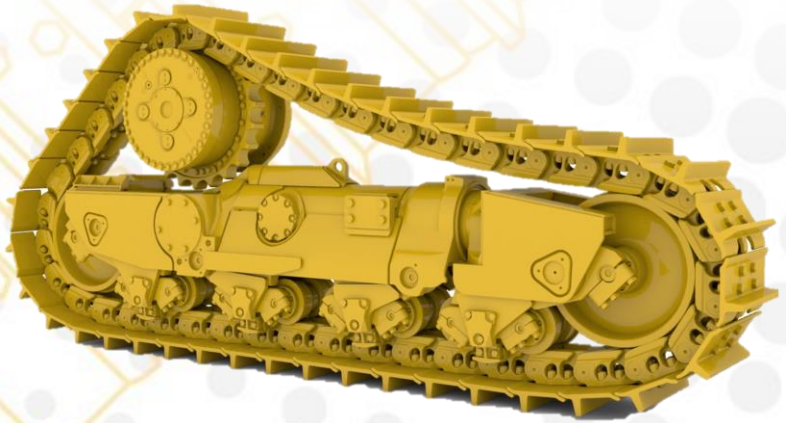
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CAT® UNDERCARRIAGE FOR LTTT

# HEAVY DUTY TRACK







## MARKET POSITION

**Undercarriage designed and built by Caterpillar that delivers longer wear life and lower cost per hour than competitive brands in tough applications such as medium abrasion and high impact.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE

| | |
|---|---|
| **D8** | **4 YEARS/4000 HOURS** |
| **D9/10** | **4 YEARS/5000 HOURS** |
| **D11** | **4 YEARS/6000 HOURS** |

**PROVEN DURABILITY IN TOUGH CONDITIONS WITH EXTENDED WEAR LIFE AND LOWER OPERATING COSTS**

UP TO
## 100% LONGER LIFE

- Positive Pin Retention (PPR2) resists end play and link movement in the pin
- PPR2 controls seal motion for longer intervals/ pin and bushing wear
- Strong track links resist fatigue and cracking

## 15 – 30% LOWER OPERATING COST*

- Increased pin and bushing retention for added wear life
- Link and bushing life matched for long wear life and performance
- Positive Pin Retention improves oil retention

INDUSTRY-LEADING
## PERFORMANCE

- Best results in high-impact, hard-rock materials and applications where link wear or fatigue is the principal driver of end of life
- System available for D8 – D11

*All comparisons to GD undercarriage

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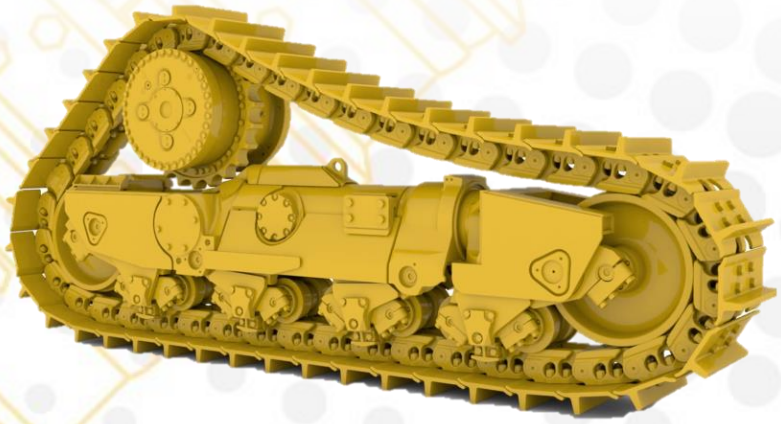
CAT® UNDERCARRIAGE FOR LTTT

# HEAVY DUTY EXTENDED LIFE WITH DURALINK™ (HDXL) TRACK





**Crowned Duralink™**
resists scalloping and delivers smoother ride



## MARKET POSITION

**Takes proven Heavy Duty undercarriage to the next level with exceptional wear life and lower cost per hour than competitive brands in tough applications such as medium abrasion and high impact.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE

| | |
|---|---|
| **D8** | **4 YEARS/5000 HOURS** |
| **D9/D10/D11** | **4 YEARS/8000 HOURS** |

**MAXIMUM DURABILITY IN TOUGH CONDITIONS WITH EXTENDED WEAR LIFE AND LOWER OPERATING COSTS**

PROVEN
## HEAVY DUTY DESIGN

- Benefits of proven Cat Heavy Duty with Extended Life advancements
- Advanced Duralink design enhances durability with additional wear material and heat treatment
- Increased sealability after bushing turns

## 20 – 40% LONGER LIFE

- Increased pin and bushing retention extends wear
- XL Seal Coating Technology increases seal life
- Upgraded link eliminates cracking and spalling
- Wet bushing turns guaranteed

INDUSTRY-LEADING
## PERFORMANCE

- Best results in moderate-abrasion/high-impact applications with priority on cost control
- Available for D8 – D11 dozers

*Compared with Cat Standard HD Track

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# USPs UNDERCARRIAGE FOR SMALL/MEDIUM DOZERS

2021 Update

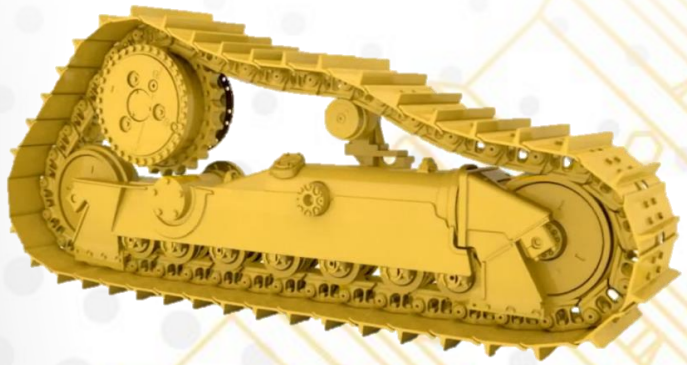
COUNT ON US. GCI Global Construction & Infrastructure

CATERPILLAR®

CAT® UNDERCARRIAGE FOR SMALL/MEDIUM DOZERS

# GENERAL DUTY TRACK







## MARKET POSITION

**Affordable undercarriage designed and manufactured by Caterpillar that delivers lower cost per hour* than competitive brands in light-duty, low-to-moderate-impact earthmoving.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/3000 HOURS**

*Cost per hour based on D6 value analysis

**CAT DURABILITY WITH LOWER OWNING AND OPERATING COSTS**

DURABLE
## CAT DESIGN

- Meets material and manufacturing specifications set by Caterpillar
- Manufactured in a Cat facility to Cat specifications
- Uses proven Cat components and sealing systems

LOWER
## OPERATING COST

- Lowest upfront cost in Cat undercarriage portfolio
- Capable of bushing turns that can add to longer life and result in lower operating cost
- 100% interchangeability with Heavy Duty undercarriage

INDUSTRY-LEADING
## PERFORMANCE

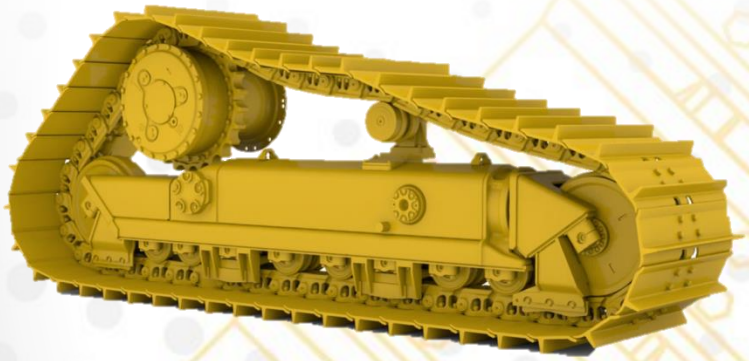
- Best results in low-to-medium-abrasion/low-to-moderate-impact applications with priority on cost control
- System available for D3K, D4K, D5K, D6K, D6N, D6T, D7, D8
  Updated nomenclatures D5 – D8

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CAT® UNDERCARRIAGE FOR SMALL/MEDIUM DOZERS

# HEAVY DUTY EXTENDED LIFE WITH DURALINK™ (HDXL) TRACK







**Positive Pin Retention (PPR2)**
resists end-play and link movement in the pin

## MARKET POSITION

**Takes proven Heavy Duty undercarriage to the next level with exceptional wear life and lower cost per hour* than competitive brands in tough applications such as medium abrasion and high impact.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/5000 HOURS**

*Cost per hour based on D6 value analysis

**MAXIMUM DURABILITY IN TOUGH CONDITIONS WITH EXTENDED WEAR LIFE AND LOWER OPERATING COSTS**

PROVEN
## HEAVY DUTY DESIGN

- Benefits of proven Cat Heavy Duty with Extended Life advancements
- Advanced Duralink™ design enhances durability with additional wear material and heat treatment
- Increased sealability after bushing turns

## 20 – 40% LONGER LIFE**

- Increased pin and bushing retention extends wear
- Upgraded link eliminates cracking and spalling
- Larger bolt improves shoe retention

INDUSTRY-LEADING
## PERFORMANCE

- Best results in low-to-medium-abrasion/moderate-to-high-impact applications
- System available for D6N, D6T, D7 (legacy) Updated nomenclatures D5 – D7

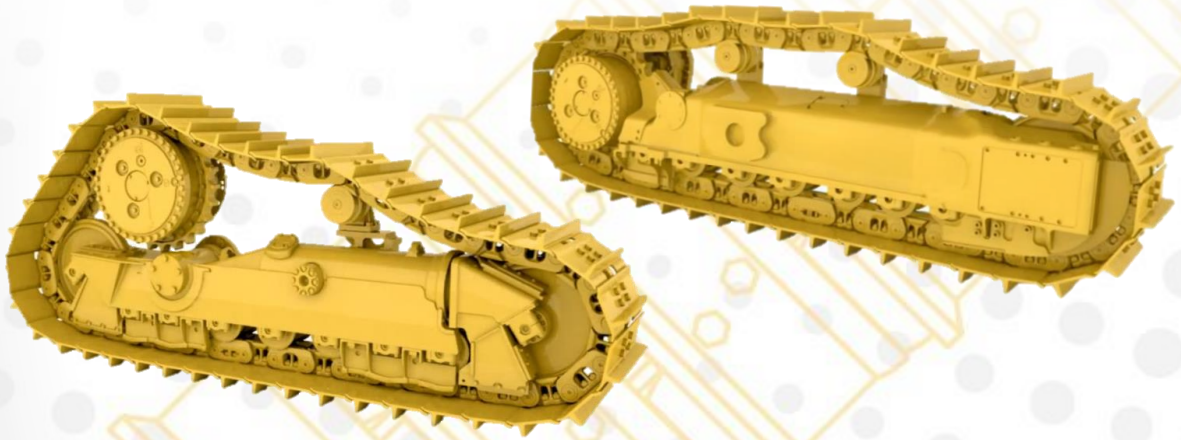
**Compared with Cat Standard HD Track

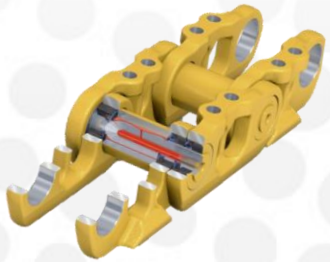
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CAT® UNDERCARRIAGE FOR SMALL/MEDIUM DOZERS

# CAT® ABRASION™ TRACK







More than double the seal life with exclusive cartridge improvements

## MARKET POSITION

**Leads the industry in lowest cost per hour* with longer wear life, improved sealability and reduced maintenance compared to competitive brands in high-abrasion, low-to-moderate-impact applications.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/6000 HOURS**

*Cost per hour based on D6 value analysis

## LOWEST COST-PER-HOUR PERFORMANCE COMBINED WITH REDUCED MAINTENANCE

### UP TO 50% LONGER LIFE

- 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
- Relieved Tread Idler eliminates wear between the idler and links
- Rotating Bushing Technology great reduces bushing and sprocket wear

### 35 – 70% LOWER OPERATING COSTS*

- No bushing turns required
- Relieved tread idlers (RTI) are reusable
- Sprocket segments can be reused
- Fewer maintenance requirements increase uptime
- 100% parts interchangeability with SystemOne

### INDUSTRY-LEADING PERFORMANCE

- Best results in high-abrasion, low-to-medium-impact applications
- Available for D3 – D6 dozers (legacy)
  Updated nomenclatures D1 – D6

*All comparisons to GD undercarriage

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# USPs UNDERCARRIAGE FOR EXCAVATORS

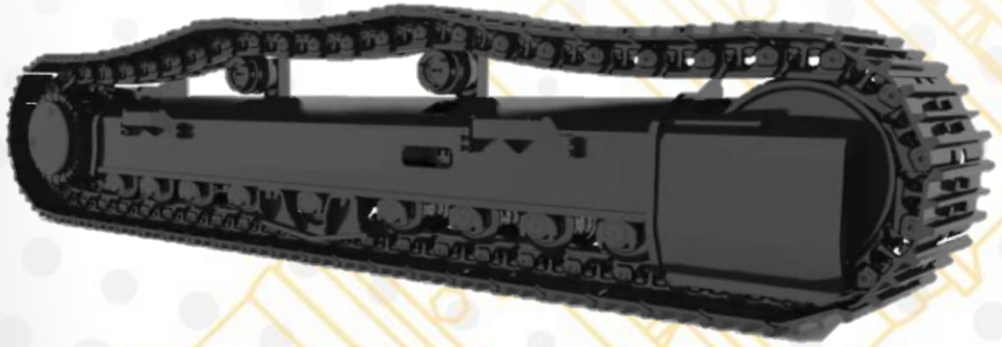
2021 Update

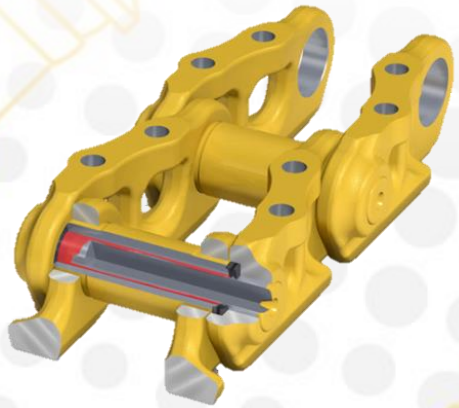
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CATERPILLAR®

CAT® UNDERCARRIAGE FOR EXCAVATORS

# GENERAL DUTY TRACK







## MARKET POSITION

**Affordable undercarriage designed and manufactured by Caterpillar that delivers lower cost per hour than competitive brands in light-duty, low-to-moderate-impact earthmoving.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/3000 HOURS**

**CAT DURABILITY WITH LOWER OWNING AND OPERATING COSTS**

DURABLE
## CAT DESIGN

- Grease lubricated track reduces wear on pins and bushings, extending internal wear life
- Sprocket link/pitch retention improves sprocket life
- Larger bushing increases bushing and link life

LOWER
## OPERATING COST

- Lowest upfront cost in Cat undercarriage portfolio
- Cat designed sealing system maintains grease lubrication
- 100% interchangeability with Heavy Duty undercarriage

INDUSTRY-LEADING
## PERFORMANCE

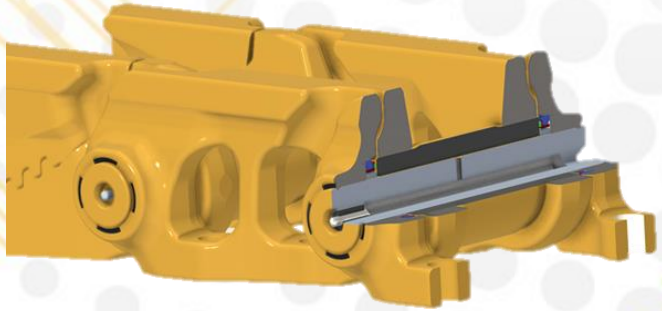
- Best results in low-to-medium-abrasion/low-to-moderate-impact applications with priority on cost control
- System available for 311 – 320, 330 – 352

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CAT® UNDERCARRIAGE FOR EXCAVATORS

# HEAVY DUTY XL TRACK







## MARKET POSITION

**Takes proven Heavy Duty undercarriage to the next level with exceptional wear life and lower cost per hour than competitive brands in the toughest conditions.**

INDUSTRY'S TOP UNDERCARRIAGE ASSURANCE
**4 YEARS/5000 HOURS**

**MAXIMUM DURABILITY IN TOUGH CONDITIONS WITH EXTENDED WEAR LIFE AND LOWER OPERATING COSTS**

PROVEN
## HEAVY DUTY DESIGN

- Benefits of proven Cat Heavy Duty with Extended Life advancements
- Positive Pin Retention (PPR2) mechanically locks the link to the pin to handle the toughest condition
- Resists pin walking and link cracking for reliable sealing and maximum track life

UP TO
## 50% LONGER LIFE

- Resists pin walking for improved grease retention
- Tightly controls seal motion for resistance to dirt entry
- Stronger track links for fatigue & crack resistance
- Link and bushing life matched for optimum performance

*All comparisons to GD track

INDUSTRY-LEADING
## PERFORMANCE

- Best results in high-impact and high-travel applications such as mining, heavy construction, pipe laying, demolition, and scrap handling
- Necessary for machines equipped with wide or single grouser shoes
- Available for all HEX models 345-390

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