



Hydraulics

Rubber Tracks

Flexport™ Tires

Planned Maintenance Kits

DEVELOPED AS A SYSTEM.
ASSEMBLED FOR PERFORMANCE.
DESIGNED TO DRIVE PROFIT.

Genuine Cat® Parts

BUILT FOR IT.™

»» WHY CAT PARTS VIDEO

H.O.PENN
Since 1923

CAT

MAINTAIN YOUR COM- PETITIVE EDGE.

LOWER YOUR BID COSTS. GET MORE JOBS DONE.

» FUEL SAVINGS

» SYSTEM DIAGNOSTICS

» PRODUCTIVITY AND SPEED LOSS VIDEO



CAT HYDRAULICS

ACCRUED FUEL SAVINGS

BACKHOE LOADER EXAMPLE



Cat's piston pump and load sensing system use more power when needed. This allows for fuel savings. Gear pumps need higher RPM (Rotations per minute). To retain cost savings you need to maintain hydraulic system properly. The fuel savings that you get from our load sensing systems is NEGATED by an inefficient hydraulic system.

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HYDRAULIC SYSTEM DIAGNOSTICS



Indicators operators should monitor to prevent unexpected costs and downtime:

- Cylinder drift (unactuated cylinder movement)
- Tracking (experiencing tracking pull one way or another while in forward motion)
- Inconsistent swinging motion with the equipment (jittery movement)
- System noise (pump or relief valve squealing)
- Increased system heat (above 190 degrees F)
- External cylinder, hose, pump or motor leakage

Preserving your hydraulic system and acting on the indicators listed above can help you avoid costly repairs and reduce downtime.

Your dealer can help you perform simple machine operation tests to

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THE RIGHT TRACK MAKES THE DIFFERENCE.



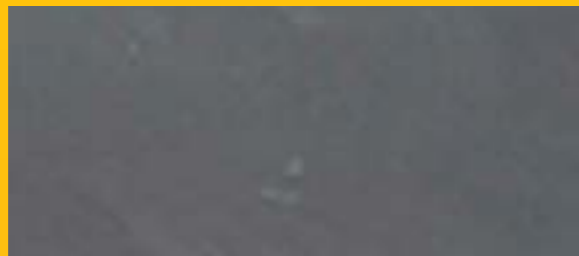
MORE TO COST THAN PRICE



Premium Rubber Track



General Duty Rubber Track



Smooth Rubber Track

» COST CONTROL

» WHAT YOU CAN CONTROL

» WHAT YOU CAN'T CONTROL

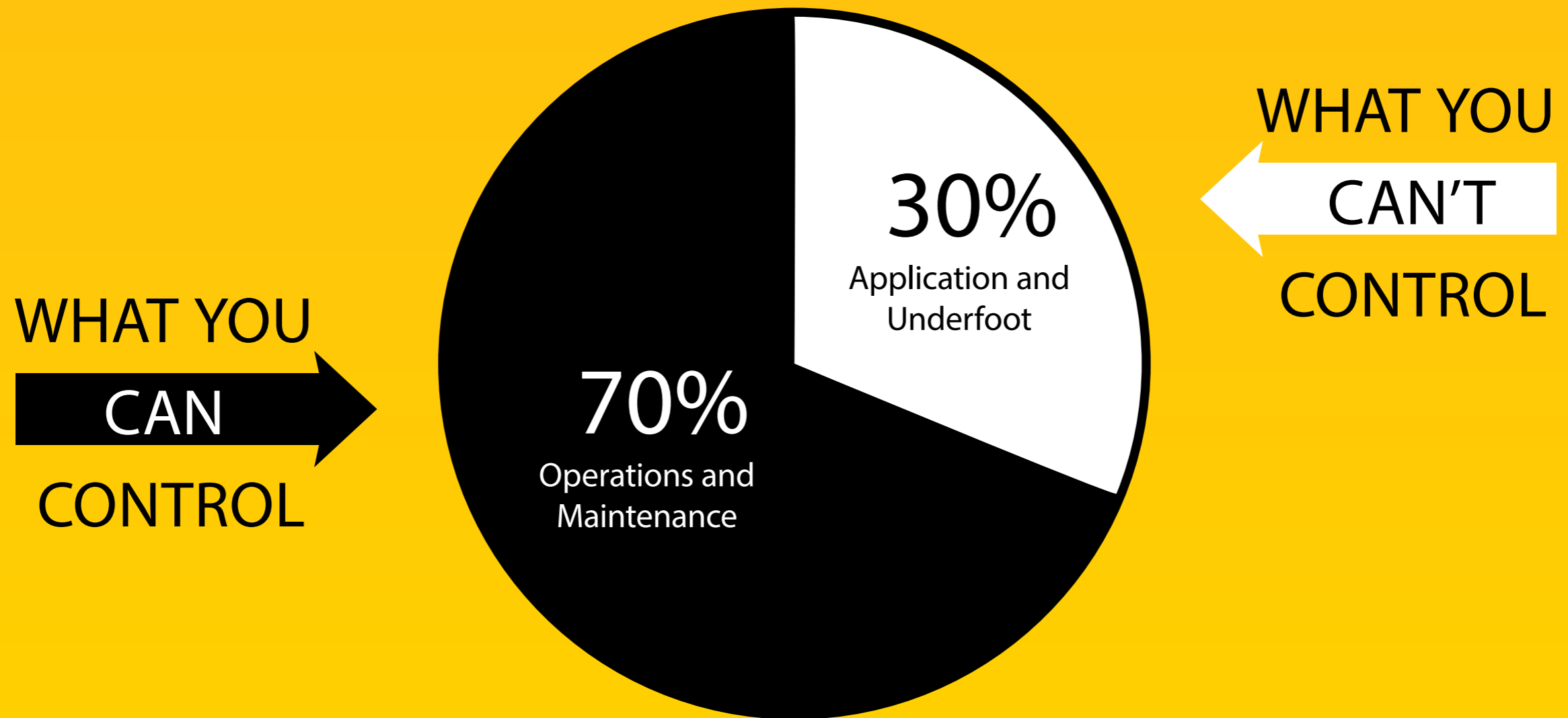
» CHOOSING THE RIGHT TRACK AND

» RUBBER TRACK SYSTEM VIDEO

CAT RUBBER TRACKS



COST CONTROL



CAT RUBBER TRACKS



WHAT YOU CAN

OPERATIONS



TURNING TECHNIQUES

Maximize the life of your tracks with more gradual or 3-point turns.



WORKING ON SLOPES

Reduce wear by moving up and down a slope instead of across a



OPERATOR EXPERIENCE

More experienced operators generally know how to maximize track life — with less experienced operators, however, you may see more breakage and chunking instead of normal track wear.

MAINTENANCE



LOOSE TRACKS

Loose tracks can cause lug damage and derailment



TIGHT TRACKS

Tight tracks can increase wear on tracks, roller wheels, sprockets, and drive motors



UNDERCARRIAGE CLEAN-OUT

We recommend undercarriage cleaning at the end of each workday

CAT RUBBER TRACKS



WHAT YOU CANNOT CONTROL

APPLICATION



Applications that maximize torque and horsepower cause more wear than others. Excavation and dozing are harder on tracks than jobs like trenching and grading.

UNDERFOOT CONDITION



The more abrasive the material, the faster the wear. Rocky, jagged material and construction debris cause the most wear, while softer surfaces like soil, turf and snow cause the least wear.

CAT RUBBER TRACKS



CHOOSING THE RIGHT TRACK AND TREAD

DECISION FACTORS

	PURCHASE PRICE ¹	OWNERSHIP PERIOD ²	O&O COSTS ³	MACHINE UTILIZATION ⁴	DEALER CAPABILITY/ TECHNICAL KNOWLEDGE ⁵	FINANCE OFFER ⁶
GENERAL DUTY TRACK	●	○	○	○	●	●
PREMIUM AND SPECIALTY TRACKS	○	●	●	●	●	●

- Good
- Best

¹ Purchase Price — Lowest initial price

² Ownership Period — As this extends, which offering provides the best value

³ Owning & Operating Costs — Capable of providing the lowest owning and operating costs, based on machine utilization

⁴ Machine Utilization — As the machine usage increases, which track delivers the best value

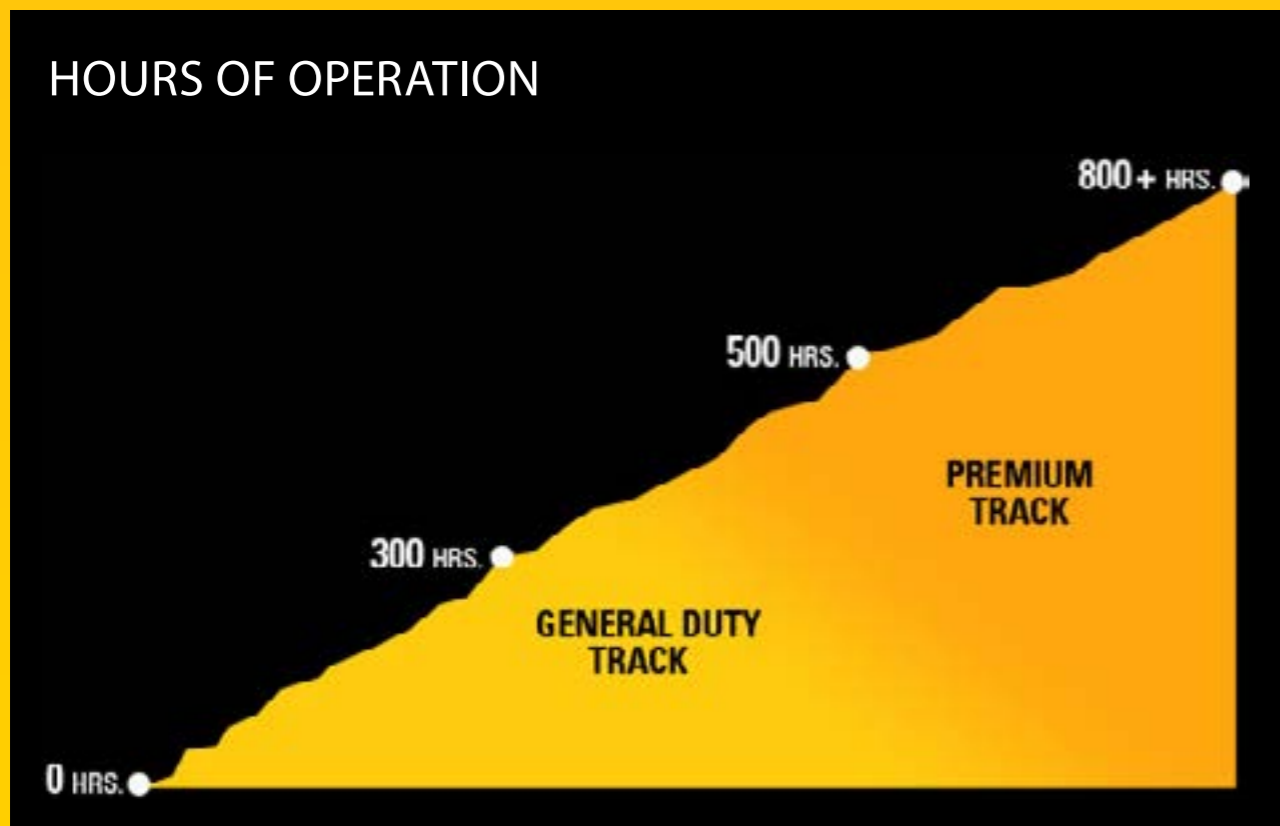
⁵ Dealer Technical Knowledge — Dealers can provide the right recommendations to help with proper selection and operating techniques to maximize value

⁶ Finance Offer — Your Cat Dealer has finance available

CAT RUBBER TRACKS



CHOOSING THE RIGHT TRACK AND TREAD



ENGINEERED FOR
ENDURANCE.
MANUFACTURED
TO LAST.



» CAT® FLEXPOR T TIRES

» APPLICATIONS VIDEO

A close-up photograph of a large, heavy-duty tire tread. The tire is primarily black with yellow accents on the sidewall and around the hub area. The tread pattern is aggressive, featuring large, rectangular lugs. The tire is shown on a rough, rocky terrain.

PROFITABLE DESIGN
FROM GROUND UP.

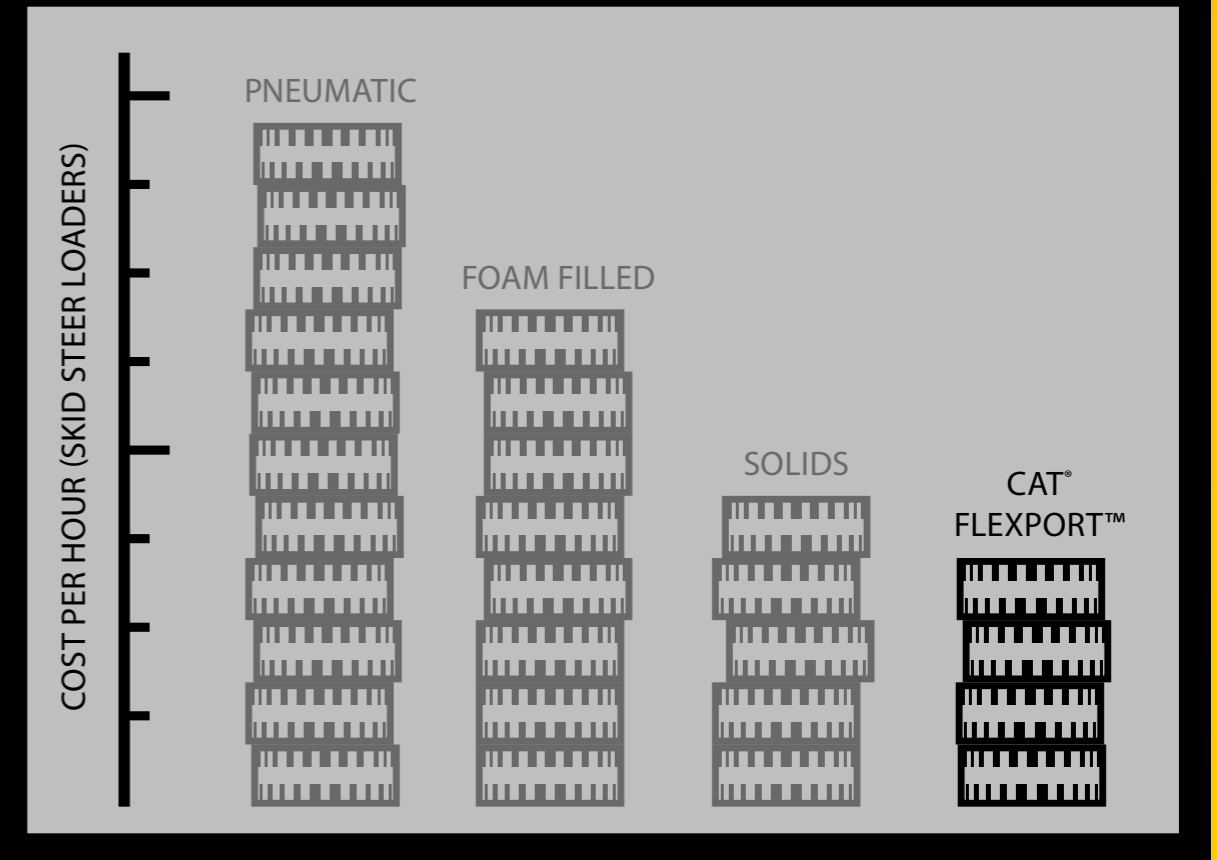
CAT® FLEXPOR™ TIRES



APPLICATION	Flexport OTR	Flexport Smooth-Tread	Flexport Construction
Building & Framing	X		X
Demolition	X		
Hammering	X		
Industrial & Waste	X	X	
Landscaping	X		X
Loading	X		X
Pavement Profiling	X		
Quarry Cleanup	X		
Recycling	X	X	
Scrap Yard	X	X	
Transfer Station	X	X	

Cat® Flexport™ Tires are designed specifically for your wheel loaders, skid steer loaders, backhoe loaders, and telehandlers. Available in three different tread patterns—off-the-road (OTR), smooth-tread and construction.

PEAK PERFORMANCE RESULTS IN LOWER COST PER HOUR



- Enhanced operator comfort results in peak production.
- No field repairs mean more productive uptime from your machines.
- Lower operating costs improve your profitability.



MAINTAIN THE
INTEGRITY OF YOUR
INVESTMENT. SUSTAIN
HIGH RESALE VALUE.



» EXTEND UPTIME

» CONTAMINATION AND WEAR VIDEO

» CAT.COM ONLINE MAINTENANCE TOOL

EXTEND THE LIFE OF YOUR MACHINE.

EXTEND UPTIME WITH REGULAR UPKEEP

Your machine was made to work as a system, from its tires to its hydraulics. And using less-than-excellent parts or maintenance procedures can shave life off of that system.

LIFE SPAN OF A 262C HYDRAULIC PUMP

Average maintenance procedures with Standard Filters

4,030–4,930 hrs.

82.5%

Excellent maintenance procedures with Premium Cat® Filters

4,890–5,970 hrs.

» Average Hours Lost: 950

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Thank you for reading. For more information, please contact one of our sales representatives from the Contact page.



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