
CAT FILTERS

CAT FILTERS DRIVE OPTIMUM PERFORMANCE IN CAT MACHINES

Filters are used to control contamination levels in injectors, and Cat filters help your injectors last longer.

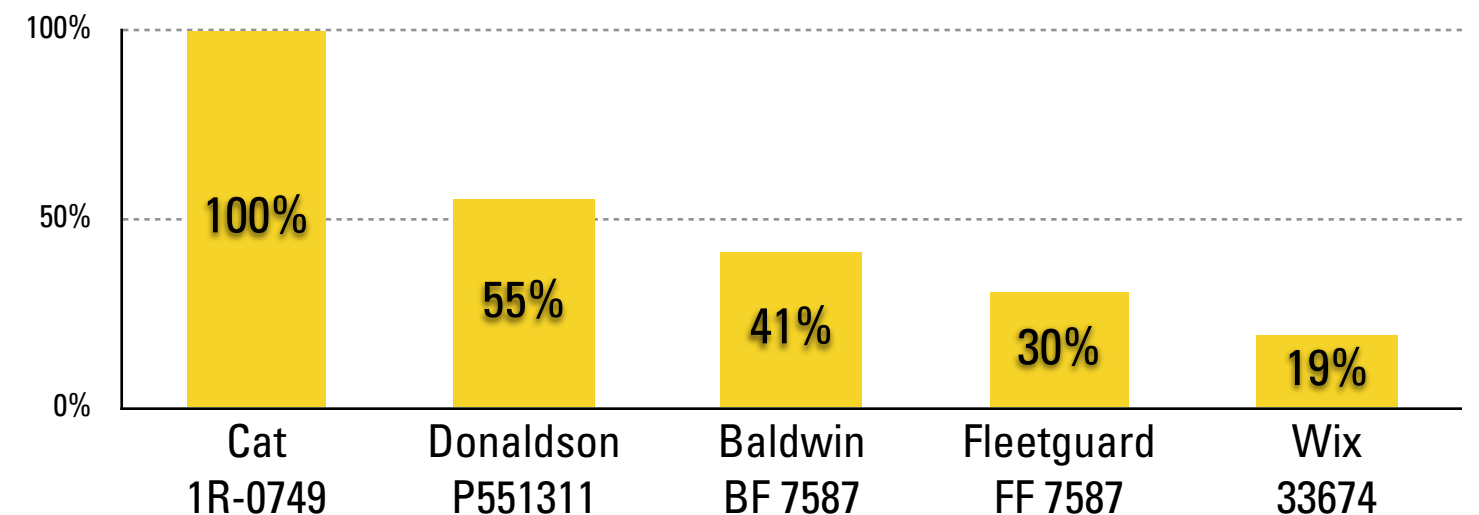
Other brands may fit, but Cat filters protect your engine, drivetrain, hydraulic systems and components better.

- Advanced design for maximum filtration efficiency and cleanliness
- Reduced wear and extended component life
- More uptime and lower operating costs

Cat filters have proven to:

Increase injector life by	45%
Decrease cost-per-hour up to	80%
Perform longer by	50%

Fuel filter brand comparison: injector life



GENUINE CAT FILTERS: BUILT FOR YOUR WORKSITE CONDITIONS

No metal contamination

- Fiberglass-reinforced nylon centre tube, 30% stronger
- Prevents collapse during cold starts and pressure spikes
- Virtually eliminates leaks
- Maximum cleanliness

No bunching

- Acrylic beads maintain pleat spacing
- Contaminants are captured and held
- Surface area fully maximised

Thickest can in the industry

- One-piece canister
- Maximises strength
- Minimises leaks

No gaps

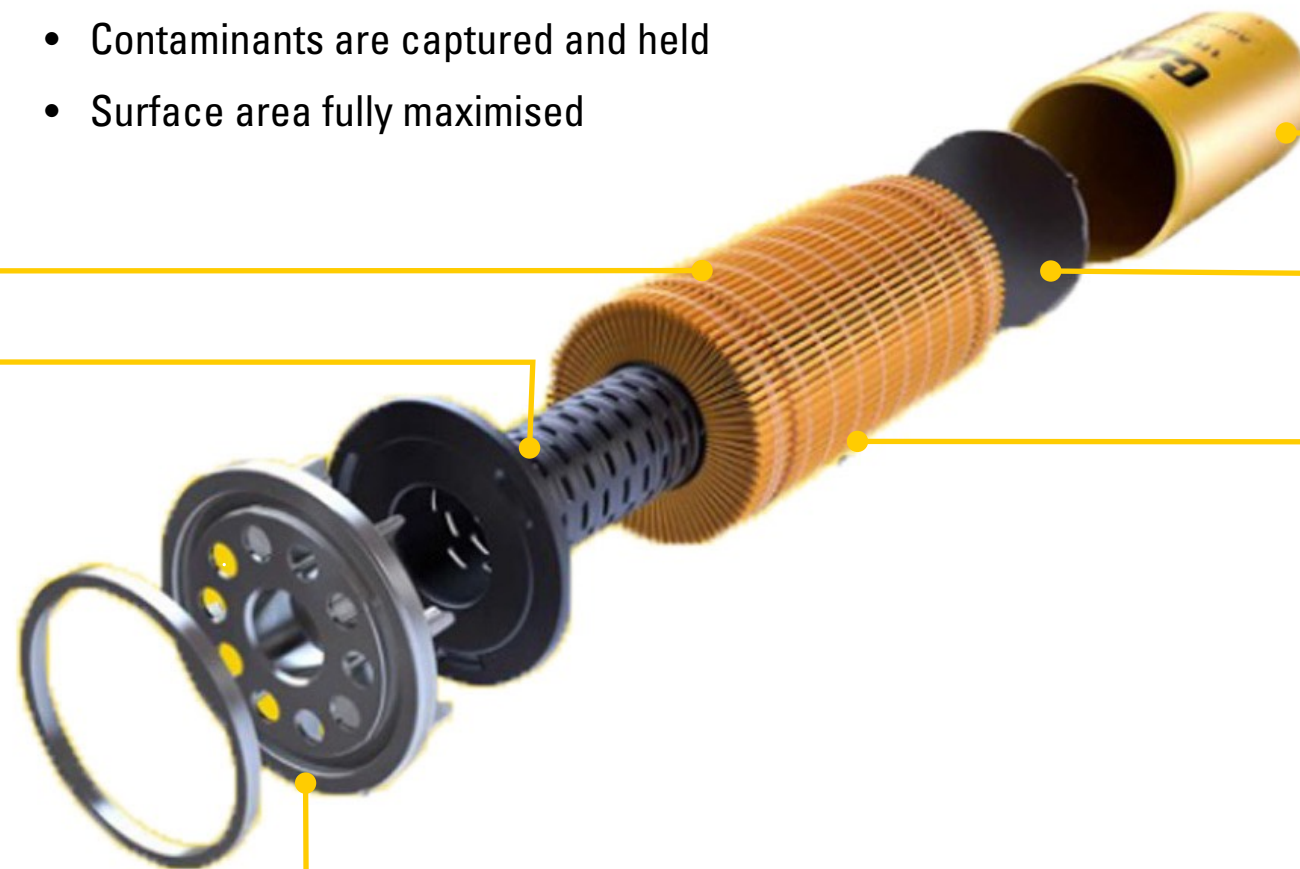
- Moulded caps
- Seals the clean side from the dirty
- Contaminants stay where they belong

No flexing

- Spiral roving eliminates flex and fatigue
- Increases contaminant retention
- 45% lower particle counts

Eliminates possible leak paths

- Urethane end caps
- One-piece design
- Media moulded into urethane



CAT FILTERS: SUPERIOR PROTECTION, REDUCED COSTS

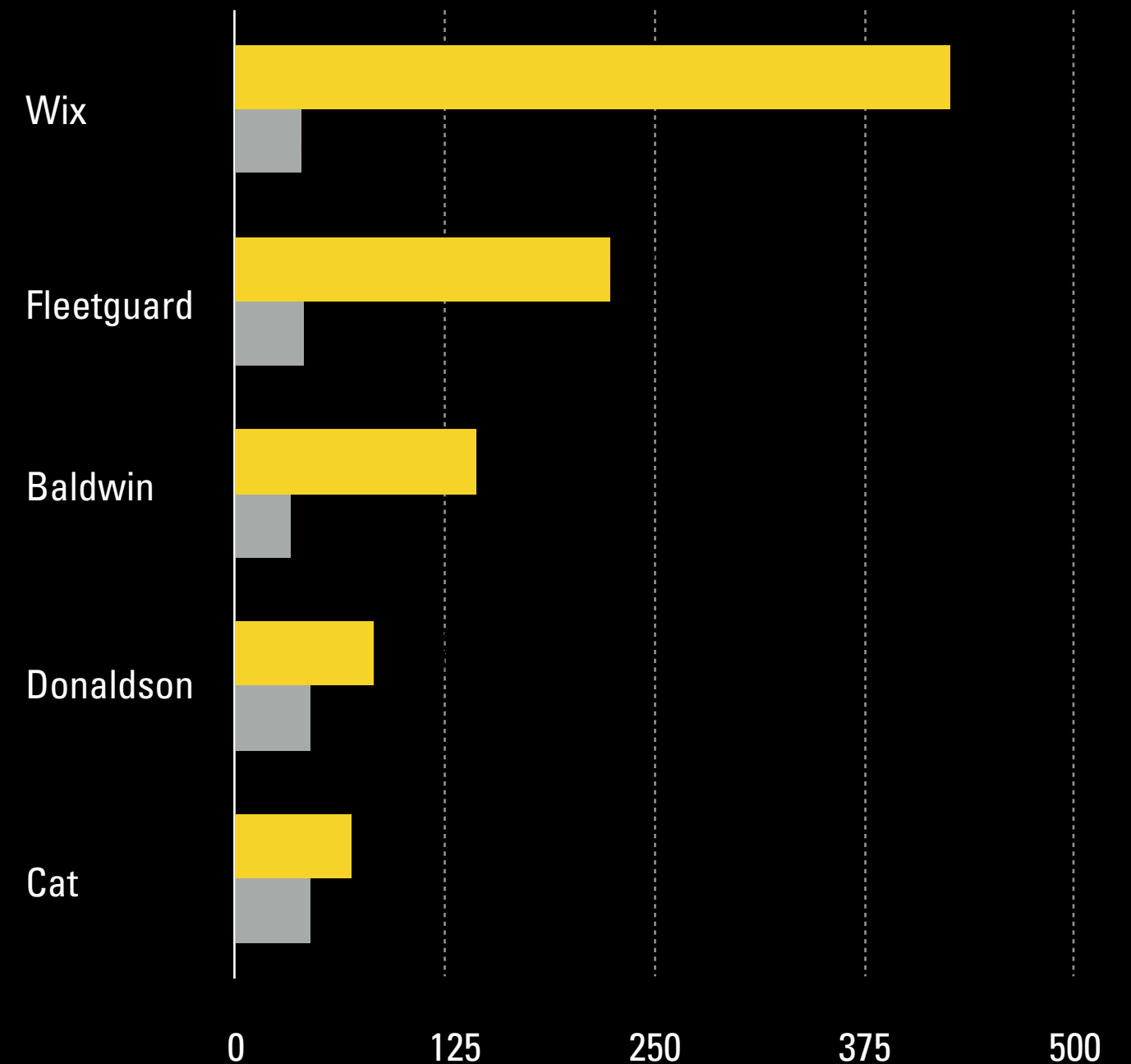
A genuine Cat filter is built to withstand the rigours of your worksite.

The true cost of non-Cat filters is more than the purchase cost. Filter choices won't cause catastrophic failure, but will cause early hour component failure over time.

Choosing another brand instead of Cat might save 33% to 44% up front (based on 6,000 hr injector life).

But research shows you will pay 80% to 400% more due to early hour component failure.

Filter cost vs. **injector cost per hour increase**



CAT FILTERS IN ACTION: A CASE STUDY

YONGTAIFENG MINING MACHINERY COMPANY



CAT FILTERS IN ACTION: A CASE STUDY

YONGTAIFENG MINING MACHINERY COMPANY

Situation

This privately owned company focuses on coal mining and heavy construction. The company:

- > **Owns 5 Cat hydraulic excavators**
- > **Faced injector failures on their excavators while using Sakura filters and Mobil engine oil**
- > **These failures led to early-hour repairs, increased downtime, and increased O&O costs**

CAT FILTERS IN ACTION: A CASE STUDY

YONGTAIFENG MINING MACHINERY COMPANY

Recommendation

The company agreed to a trial period with Genuine Cat Filters and Fluids, and the dealership monitored equipment maintenance, including:

- > **Filter change intervals**
- > **Oil sampling**
- > **Injector life**

Result

After 12 months with Cat Filters and Fluids, the company had:

- > **Experienced zero injector failures**
- > **Decreased inventory costs by relying on dealer delivery**
- > **Saved \$31,000 in one year (reduced repair parts and labour costs)**
- > **Reduced maintenance personnel costs by relying on dealer service support**
- > **Faced fewer oil and filter changes**

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OFFICE CHERIFIEN DES PHOSPHATES (OCP GROUP)

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Situation

OCP Group is the largest phosphate producer in the world with:

- > **150 Cat machines, with 50 D11s**
- > **14 draglines**
- > **20,000 employees over 4 sites**

OCP had been using Fleetguard filters on Cat equipment, thinking they were half the price of Cat filters.

CAT FILTERS IN ACTION: A CASE STUDY

OFFICE CHERIFIEN DES PHOSPHATES (OCP GROUP)

Recommendation

The company agreed to a trial period with Genuine Cat Filters and Fluids, and the dealership monitored equipment maintenance, including:

- > **The local Cat dealer recommended that OCP conduct a competitive secondary fuel filter analysis of the Cat 1R-0749 filter and the equivalent Fleetguard filter.**
- > **OCP Group provided an engine dyno, diesel fuel, accessories, and a technician.**

Result

The test ran, with full transparency, until the injectors failed, and confirmed that Cat filters provided:

- > **Sustained power performance**
- > **2x more injector life vs Fleetguard filters**