ENHANCE YOUR SYSTEM CLEANLINESS AND MINIMIZE YOUR COMPONENT WEAR

Cat® Hydraulic Filters

We Compared Cat Advanced High Efficiency Hydraulic Filters Against the Competition

Although it may seem as if competitive elements will get the job done, other manufacturers may recommend an element that won't optimize your equipment and could cause significant damage. Don't risk damage to your equipment due to inaccurate advice or incorrect part choice.

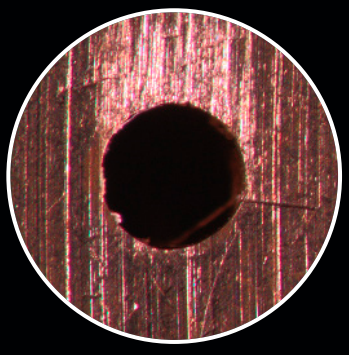
Cat Hydraulic Filters are designed to:

- **Maximize hydraulic oil cleanliness**
- **Meet expected oil change intervals**
- **Provide the best machine system protection available.**

Hydraulic Pump Life

55%	Competitor's Hydraulic Filter
100%	Cat® Advanced High Efficiency Hydraulic Filter

Testing conducted by an independent test lab utilized different brands of hydraulic filters and measured wear on hydraulic pump components. Based on wear rates attained during the test, on average, the Cat Advanced High Efficiency Filter provides 45% longer hydraulic pump life.



Magnified image of abrasive wear on hydraulic pump top plate.

Cat® Advanced High Efficiency Hydraulic Filters— Protect Your Bottom Line

Reducing contamination is the key to extending hydraulic component life. Using the correct Cat Filter is essential in minimizing damage to components from abrasives.

Cat Advanced High Efficiency filters remove additional fine particles, achieving longer hydraulic system life by protecting components from increased wear.

- **Filter Costs** — How much do you have to pay for the filter, and how frequently do you have to replace it?
- **Repair & Rebuild Costs (Parts, Labor & Downtime)** How well does the filter protect your engine?

ANNUALIZED COST EXAMPLE			
	Filter Cost per Year	Rebuild Cost per Year*	**Total Cost per Year**
Cat® Hydraulic Filter	$128	$413	**$541**
Competitor's Hydraulic Filter	$167	$784	**$951**

* In this example the Rebuild Cost is calculated by taking the parts and labor cost associated with an engine rebuild and dividing by the expected life based on the wear testing conducted. Better protection and lower wear rates results in longer rebuild cycles. This allows the cost of a rebuild to be spread over a longer period of time making the annualized cost associated with the rebuild less. The additional cost of downtime and lost production is not included but can be significant and would further increase the difference in rebuild cost. Example assumes machine utilization of 2,000 hours/year, filter pricing that is readily available in the market and changing your oil filter every 500 hours. Costs associated with five different machine models were averaged. Competitive values are based on the average for the 6 competitive brands tested. This example is in USD and is based on testing conducted, actual costs may vary depending on application, use and a variety of factors.

LET'S DO THE WORK.™

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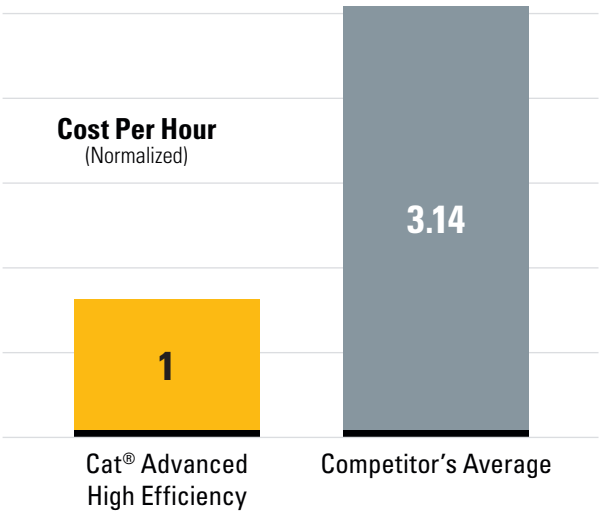
Using The Wrong Filter Costs More



Filter Cost Per Hour — Considers the filter purchase price and assumes changing the filter every 500 hours over the expected life of the engine.

Engine Rebuild Cost Per Hour — Considers the price associated with parts and labor required for an engine rebuild and the expected component life based on wear testing conducted by an independent test lab. Cost of downtime is not included, but can be significant and would even further increase the cost differential.