

EARLY FILTRATION EFFICIENCY PROVIDES LONGER ENGINE LIFE



Cat® Ultra High Efficiency (UHE) Engine Air Filters



Standard/ UHE Filter Comparison

Standard Efficiency media is well suited for normal duty applications, delivering increased engine protection and preventing equipment downtime.



Ultra High Efficiency media is designed to meet the need for a greater level of filtration and dirt-holding capacity.

Cat UHE Air Filters feature a unique surface that extends filter life up to

6x

that of standard filters.

Less Dust Ingested = Reduced Engine Wear

An immediate dust build-up on the filter's very fine synthetic surface creates a cake layer that reduces the amount of dust reaching the engine. UHE Air Filters are almost at peak efficiency when brand new.

Higher Efficiency = Less Restriction

The surface particle cake is more porous than standard dustcoated media fibers, allowing deeper fibers to filter longer while providing better air flow.

Less Restriction = Better Engine Performance & Fuel Economy

It takes less power to pull in air so the engine "breathes" easier.

Longer Filter Life = Reduced Contamination

Higher dust capacity reduces filter changes and the chance of contamination during service for even greater protection.



More Efficient Early, More Efficient Overall.

So-called “dirty” filters can be more efficient than new ones because dust cake buildup on the surface actually increases filtration. UHE Air Filters feature a unique media with a very fine synthetic surface layer that covers the entire outside of the filter.

Here’s How It Works

- **Fine particles** — (dust, heavy carbon/coal dust, soot, talc, etc.) immediately cake on the surface allowing less dust to get to the engine, improving fuel economy while reducing wear and maintenance costs.
- **Surface particle cake** — is more porous than dust-coated media, causing less restriction during filter life to improve capacity and engine performance.
- **Particles get trapped in the build-up on the UHE Air Filter’s surface** — because the media stays permeable longer unlike filters with standard media, which become dust-filled deep inside. This extends filter life and filter efficiency up to six times that of standard media which means the engine will be exposed to less dust over its life.

Get 100% of Filter Life

Use the Cat Air Filter Service Indicator to get an accurate continuous reading of how much life remains in your filter. The easy-to-understand graduated readings let you change the filter only when needed. Over-servicing and under-servicing are eliminated so you get the lowest possible cost per hour.



LET’S DO THE WORK.™

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Cat® offers the best selection of
Air Filters to cover your entire
fleet of Cat equipment.

Standard	UHE
4W-5716	132-7170
4W-5228	132-7171
6I-2499	132-7164
6I-2501	128-2686
6I-2503	132-7165
6I-0273	122-1674
6I-2505	122-1675
6I-2507	132-7166
6I-2509	132-7167
8N-6309	185-8786
106-3969	132-7168
123-6855	132-7169
131-8822	134-0685
—	156-9328
142-1339	220-0453
142-1340	220-0454
165-1689	220-0455
251-5885	292-5862
277-7838	419-9172
386-2097	422-1089
386-2099	456-9847
396-2122	420-5282
396-2123	467-2012

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