

Cat[®] Diesel Particulate Filter

Off-Road Machines



Designed to meet tough new emissions standards

Meeting tough new emissions standards can be challenging, but achieving regulatory compliance does not mean you have to sacrifice productivity or machine uptime.

Caterpillar understands your emissions challenges and offers a Diesel Particulate Filter verified by the Environmental Protection Agency and the California Air Resources Board to bring a range of Cat[®] diesel engines into regulatory compliance.

Cat Diesel Particulate Filters reduce particulate matter emissions by more than 85%, and hydrocarbons and carbon monoxide by more than 90%.

With Cat Diesel Particulate Filters you can minimize your impact on the environment while protecting your bottom line.



CATERPILLAR[®]

Cat® Diesel Particulate Filter

Cat® Diesel Particulate Filter

Emissions Compliant Device

- Verified EPA and CARB Level 3+ Verified Diesel Emission Control System
- Meets CARB and EPA warranty requirements
- Off Road Machine Applications
- For Use on a Wide Range of Cat and Non-Cat Machines

Strength of the Cat Dealer Network

- Trained Experts, Application and Installation
- Local Service and Support
- Single Source of Supply
- Backed by Caterpillar Inc.

Complete Emissions Solution Package

- Cat Financing Available
- Fleet Emissions Consultation and Compliance Planning
- Engine Repowers Available



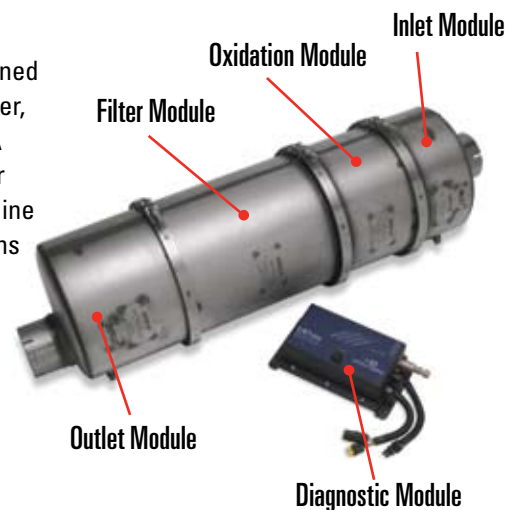
The end result is lower airborne emissions proving that retrofit technology is a cost-effective solution to reduce emissions for in-use engines that were not originally designed to meet tighter emissions standards.





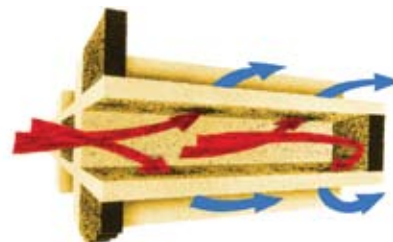
High-efficiency design:

Cat® Diesel Particulate Filters are designed to reduce emissions of particulate matter, carbon monoxide, and hydrocarbons. A high-efficiency ceramic filter traps over 85% of particulate matter during all engine operating conditions. Chemical reactions convert particulate matter, carbon monoxide and hydrocarbons into harmless carbon dioxide and water vapor.



Low maintenance:

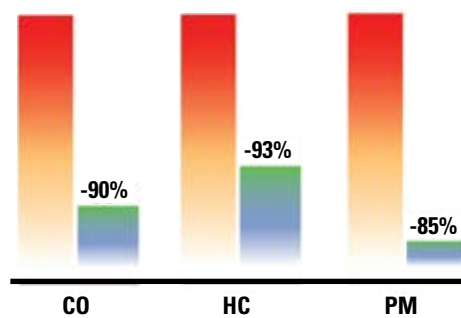
Passive Cat Diesel Particulate Filters eliminate the need for electric heaters, fuel burners, or fuel additives. Regeneration occurs under normal machine operating conditions without machine downtime. Quick release clamps allow easy access to remove residual ash from the filter module.



High efficiency wall-flow filtration process traps at least 85% of the particulate matter.

Verified performance:

The Cat Diesel Particulate Filter meets the stringent performance and durability standards set by the California Air Resources Board and the U.S. Environmental Protection Agency. The filter is CARB-verified as a Level 3+PM reduction technology.

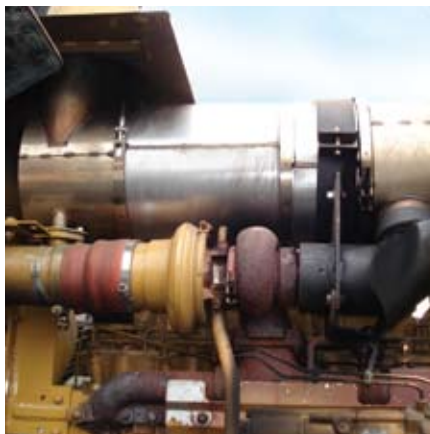


EPA verified DPF % emissions reductions.

Emissions Solutions



Cat® engine with muffler - Before



Cat® Diesel Particulate Filter - After

Your dealer works with you to determine which emissions reduction product, or combination of products, provides the right solution for your legacy equipment. We maintain a solid vision and mission to continue as the leader in providing Aftermarket Emissions Solutions for Caterpillar customers as well as a complete range of products, services and processes for the best economic solutions for you.

Contact your local Cat Dealer to find out how to meet emissions requirements, avoid loss of business, and get the most from your equipment.

Reduce Emissions. Stay Competitive.

Rely on us to help you meet emissions needs.

Emissions Reductions:

- Particulate matter > 85%
- Carbon monoxide > 90%
- Hydrocarbon reduction > 93%
- Requires ULSD

Additional Features:

- Diagnostic module for continuous backpressure and exhaust temperature monitoring
- Warning and alarm capabilities for system protection
- Stores up to 2 years of data

Incentives for Action:

- Meet emissions standards for your area
- Avoid fines, penalties and work delays
- Bid for contracts that require emissions compliance

Caterpillar Emissions Solutions offers a complete range of products from diesel particulate filters and diesel oxidation catalysts to engine upgrade kits and complete engine repowers.

Please visit us on the Caterpillar website at:

www.cat.com/EmissionsSolutions

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.

