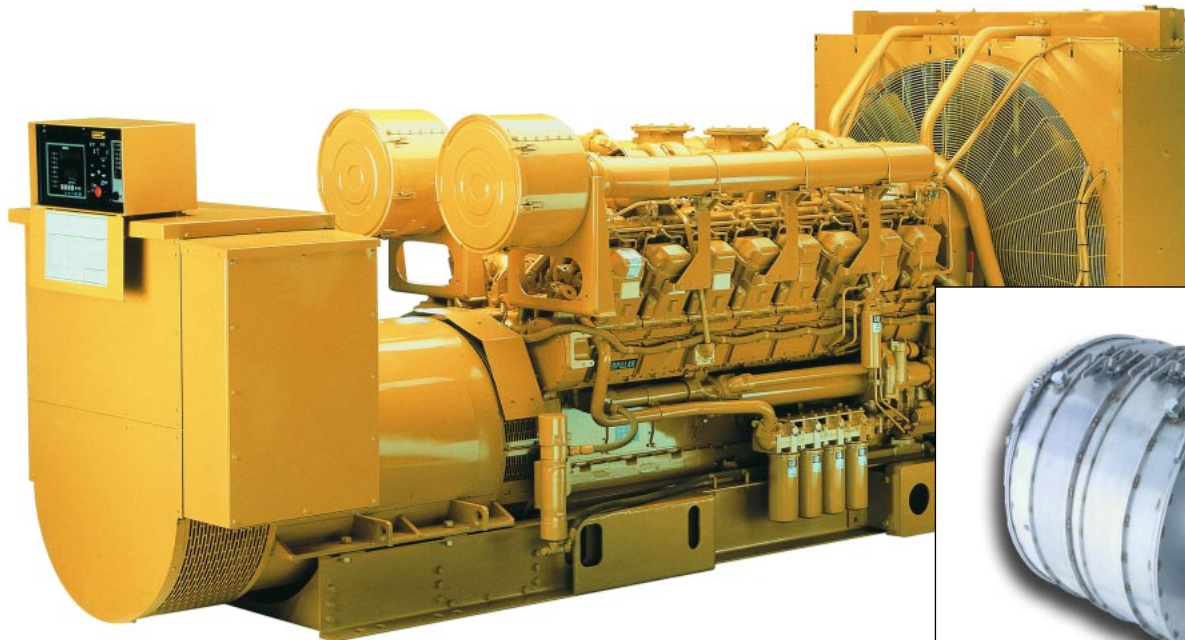


Cat[®] Oxidation Catalysts for Stationary Engines



Easily installed for lower emissions

Cat Oxidation Catalysts for diesel and gas stationary engines help lower emissions by converting carbon monoxide, hydrocarbons, and aldehydes into carbon dioxide and water.

Reduced Emissions—When sized for the application, Cat Oxidation Catalysts reduce carbon monoxide by 93% in gas engines and 70% in diesel engines. Hydrocarbons decrease by more than 40% in both diesel and gas engines.

Easy Installation—The oxidation catalyst assembly is normally installed on existing engines in the same manner as a muffler, using bolted flange joints to connect to the engine exhaust system.

Low Maintenance—Scheduled maintenance is not required because chemical reactions do not change or consume the catalyst material. Catalysts should be periodically inspected for physical damage or contamination.

Cat Warranty—Caterpillar warrants the oxidation catalyst for 16,000 hours of operation or two years from the time of sale.

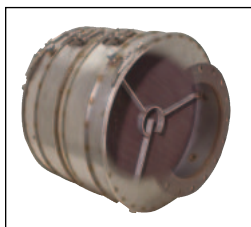
Caterpillar. The difference counts.™

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 keeps your entire fleet up and running to maximize your equipment investments.

CATERPILLAR[®]

Oxidation Catalysts



Stainless Steel Housing
Corrosion resistant modular design. Quick release clamps provide easy access for maintenance.



Oxidation Catalyst
Designed to minimize system back-pressure while maximizing emissions reduction.



Formed Insulation Panels
Maintains optimum exhaust gas temperatures to maximize catalyst effectiveness.

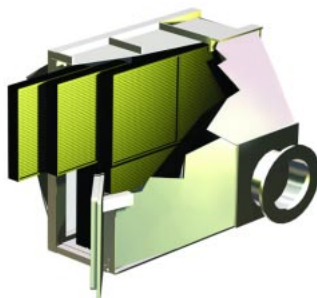
Oxidation Catalyst Options*

Engine Model	Fuel Type	Assembly Configuration	Assembly Part No.	Insulation Part No.
3606	Gas/Diesel	Round	256-0331	249-0439
3608	Gas/Diesel	Rectangle	249-0474	N/A
3612	Gas/Diesel	Rectangle	249-0476	N/A
3616	Gas/Diesel	Rectangle	249-0477	N/A
3516	Diesel	Round	256-0330	249-0439
3512	Diesel	Round	256-0328	249-0437
3508	Diesel	Round	256-0326	249-0434
3516B	Diesel	Round	256-0331	249-0439
3512B	Diesel	Round	256-0328	249-0437
3508B	Diesel	Round	256-0327	249-0435
G3516B	Gas	Round	256-0331	249-0439
G3520C	Gas	Rectangle	256-0332	249-0441
G3516C	Gas	Round	256-0331	249-0439
G3512C	Gas	Round	256-0329	249-0437
3412	Diesel	Round	256-0326	249-0434
3456	Diesel	Round	256-0325	249-0433
3406	Diesel	Round	256-0325	249-0433
G3412	Gas	Round	256-0326	249-0434
C18	Diesel	Round	256-0326	249-0434

* For detailed design and application information, please refer to Caterpillar® Special Instruction, "Caterpillar Oxidation Catalyst for Stationary Engines," REHS1531.

Coverage

Cat Diesel and Gas Oxidation Catalyst kits are available for retrofit of existing 3400, 3500 and 3600 diesel and gas stationary engines. Formed insulation panels may be ordered separately, if desired.



Specially designed substrate

Designed to match the engine system, the assembly consists of a removable substrate made of stainless steel foil, coated with a catalyst material to promote oxidation. The thin-wall foil is arranged in a honeycomb design to maximize the surface area for chemical reactions while minimizing flow restriction. Customized thermal insulation is also available.

Two different configurations

Depending on the application, oxidation catalyst assemblies are available in two profiles, round and rectangular. The table to the left shows the assembly configuration for each engine.



Caterpillar Oxidation Catalysts Assemblies
Cylindrical and Rectangular Configuration

For more information, see us today
or visit our Web site at www.CAT.com

CATERPILLAR®