

# Cat<sup>®</sup> Diesel Oxidation Catalyst for School Buses



## For Cat<sup>®</sup> Diesel Engines and Other Brands

Tough new emission standards have school districts across the country reviewing the compliance of their bus fleets. New buses can certainly take care of non-compliance, but that's a costly solution. Fortunately, many districts and school bus owners can take advantage of a more cost-effective option: the Cat<sup>®</sup> Diesel Oxidation Catalyst.

Cat Diesel Oxidation Catalysts reduce hydrocarbons, carbon monoxide and particulate matter. They are created specifically for diesel engines typically found in school buses, and they feature proven technology used in school bus fleets nationwide.

**Caterpillar. The difference counts.<sup>™</sup>**

Cat<sup>®</sup> Dealers define world-class product support. We offer you the right parts and service solutions, when and where you need them.

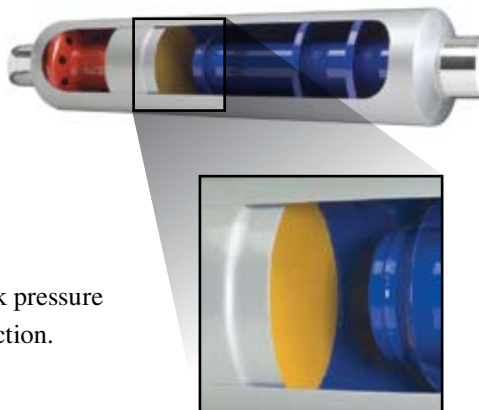
The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.

**CATERPILLAR<sup>®</sup>**

# Cat® Diesel Oxidation Catalysts For School Buses

## Catalyzed Converter/Muffler

Contains baffling for sound attenuation and a flow-through design oxidation catalyst.

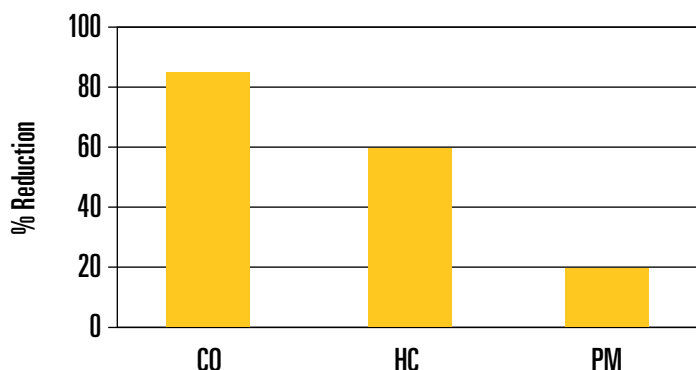


## Diesel Oxidation Catalyst

Designed to minimize system back pressure while maximizing emissions reduction.

## Lower emissions on school buses

By replacing the standard muffler, Caterpillar® Diesel Oxidation Catalysts remove particulate matter, carbon monoxide, and hydrocarbons from exhaust gas—helping school bus owners lower emissions on buses equipped with Cat or other diesel engines.



- **Reduced emissions**—Catalysts typically reduce particulate matter by 20% and remove up to 60% of hydrocarbons and 85% of carbon monoxide.
- **No special fuels**—Caterpillar Diesel Oxidation Catalysts work with standard on-road diesel fuel. They do not require ultra-low sulfur diesel fuel.
- **Same high-quality performance**—Neither engine life nor fuel economy is affected as long as installation guidelines are followed.
- **Easy maintenance**—Periodic maintenance is not required.
- **Cat warranty**—Caterpillar backs its Diesel Oxidation Catalysts for five years or 100,000 miles (for medium heavy-duty engine class).

## Retrofit emission solutions

Clean air (and a clean environment) is one of Caterpillar's main corporate initiatives. In addition to the creation of new clean diesel engine technology, Caterpillar has also developed a range of retrofit emissions solutions for engines already in use. Aftertreatment solutions, like Diesel Oxidation Catalysts, reduce emissions by treating exhaust gas after it leaves the engine.

## Specially designed for school buses

An oxidation catalyst is a proven, efficient technology that's been used on diesel engines for years to remove carbon monoxide, hydrocarbons, and particulate matter in a range of applications. Caterpillar Diesel Oxidation Catalysts are specifically designed to lower emissions in school bus applications and are available as a retrofit for Caterpillar and other brands of diesel engines.

**Give us a call or stop by our dealership for more information about Caterpillar Diesel Oxidation Catalysts, as well as other aftertreatment and repower solutions designed to reduce emissions.**

**CATERPILLAR®**