



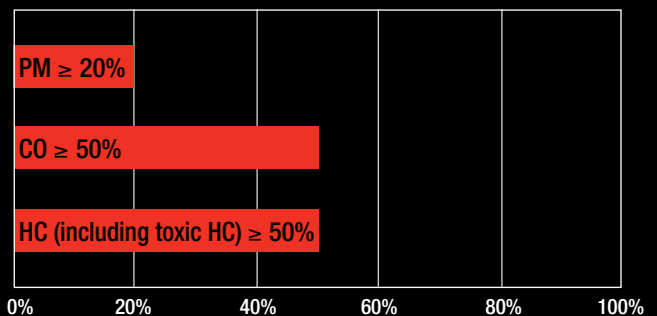
**Emission  
Solutions**

# RETROFIT SOLUTION. DIESEL OXIDATION CATALYST.

- Compatible with a wide range of diesel engines.
- Eligible for local, state and federal funding programs, and its reductions are claimable within State Implementation Plans (SIPs).
- Uses Johnson Matthey's highly active, platinum-based catalyst.
- Engineered for retrofit to meet tough clean air standards, the DOC breathes new life into diesel engine exhaust systems with EPA-verified technology and proven on-the-road success.



**The Cummins Emission Solutions DOC reduces:\***



\* Actual reductions depend on engine emissions and duty cycle. Verification credits may vary.

## Our Experience is Your Solution.

Cummins Emission Solutions (CES) is a leader in catalytic exhaust products. With over 1.5 million units in service, we deliver products that work. Our legacy of technology, our 30 years experience in exhaust engineering and manufacturing, and our partnerships with the leading component suppliers provide a high level of dependability and performance.

Reducing emissions from diesel exhaust doesn't have to be complicated. Cummins Emission Solutions makes it simple with a Diesel Oxidation Catalyst (DOC) designed to retrofit existing vehicles. Easy to install and maintenance free, the DOC is reducing emissions from on-road vehicles and off-road equipment around the globe.

## Engineered for Performance.

The Cummins Emission Solutions diesel oxidation catalyst utilizes Johnson Matthey's highly active, platinum-based catalyst as a component of its EPA-verified product.

The DOC may either replace or be added to the existing vehicle muffler. Versatile and flexible, the DOC:

- Easily installs
- Needs no maintenance
- Requires no monitoring
- Can be used with low-sulfur (500 ppm) or ultra-low-sulfur diesel fuels (15 ppm)
- Is available in a variety of shapes and sizes
- Readily adapts to many applications
- May be used in a catalytic exhaust muffler to reduce noise as well as emissions

### Engines around the world are driving cleaner with the Cummins Emission Solutions DOC

- |                            |                                               |
|----------------------------|-----------------------------------------------|
| ■ Urban Buses              | More than 32,000 in Asia, Europe and the U.S. |
| ■ Midrange & Pickup Trucks | More than 1 million                           |
| ■ Heavy-duty Vehicles      | More than 8,000 in Mexico                     |
| ■ Medium-duty Diesels      | Approximately 20,000 in Hong Kong             |

*Cummins Emission Solutions products are covered by performance and emissions warranties that meet or exceed both EPA and CARB warranty requirements for retrofit verification coverage.*



*Engineered for retrofit to meet tough clean air standards, the DOC breathes new life into diesel engine exhaust systems with EPA-verified technology and proven on-the-road success.*

The Cummins Emission Solutions diesel oxidation catalyst is eligible for local, state and federal funding programs, and its reductions are claimable within State Implementation Plans (SIPs).

## Technology That Works.

Our diesel oxidation catalysts are found around the globe in many applications, including:

- Urban Transit Buses
- School Buses
- Refuse Collection Vehicles
- Government Fleets
- Off-highway Equipment
- Private Fleets

## Connect to a World of Diesel Expertise.

Cummins Emission Solutions provides technologies to protect your fleet and keep it running clean and strong. We are committed to developing superior products that meet or surpass emission regulations. Supported by the Cummins North American Distributor Network and Cummins worldwide, our systems bring real value to you—from installation through the life of the product.

Choose the emission-reduction leader backed by the Cummins legacy of technology for your complete fleet needs. Choose Cummins Emission Solutions.



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