

# Diesel Oxidation Catalysts

## Diesel emissions control solutions

**BASF's Diesel Oxidation Catalyst (DOC) technology controls emissions of hydrocarbons (HC), carbon monoxide (CO) and particulate matter (PM) from diesel vehicles.**

It was the first catalytic emissions control system to meet U.S. Environmental Protection Agency (EPA) certification requirements for the U.S. Urban Bus Retrofit Program, and offers many benefits:

- Can reduce HC and CO emissions by 50% or more
- Integrated, easy-to-install bolt-on technology
- Easy maintenance; needs no additional parts or sensors
- Fuel sulfur tolerance

U.S. EPA approved for two- and four-stroke diesel engines

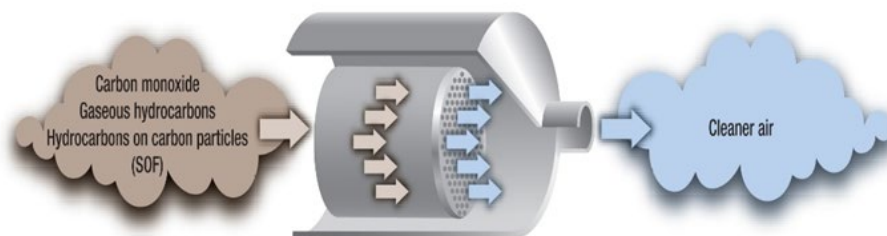
BASF DOCs have millions of miles of proven performance in light duty passenger car, urban bus, medium duty truck and heavy-duty truck applications.

BASF DOC technology platforms and precise patented manufacturing process enable BASF to provide DOC technologies that light off at very low temperatures using a minimum amount of precious metal.

The catalysts are also currently in use on tens of thousands of retrofitted vehicles around the world.

For example, in Hong Kong thousands of delivery vans, sanitation trucks, pieces of construction equipment and other diesel vehicles have been retrofitted with BASF DOC technology under a program administered by the Hong Kong Special Administrative Region.

### Diesel Oxidation Catalyst



## About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

**BASF - We create chemistry**

### Americas

BASF Corporation  
25 Middlesex/Essex Turnpike  
Iselin, New Jersey, 08830, USA  
Tel : +1-732-205-5000  
Fax: +1-732-205-7725  
Email: [catalysts-america@basf.com](mailto:catalysts-america@basf.com)

### Asia Pacific

BASF (China) Company Limited  
300 Jiang Xin Sha Road,  
Pudong, Shanghai 200137  
P.R. China  
Tel: +86-21-2039 2549  
Fax: +86-21-2039 4800-2549  
Email: [catalysts-asia@basf.com](mailto:catalysts-asia@basf.com)

### Europe, Middle East, Africa

BASF SE  
67056 Ludwigshafen, Germany  
Tel: +49-621-60-21153  
Fax: +49-621-60-43023  
Email: [catalysts-europe@basf.com](mailto:catalysts-europe@basf.com)

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