

Exhaust Emission Control Products

For Stationary Diesel, Natural Gas and LPG Engines

Applications

BASF offers a wide variety of emission control products for:

- Diesel and natural gas generators
- Diesel-powered heavy machinery
- Gas pumping stations

BASF can produce products for most fuel-powered engines, including: Number 2 Diesel, LPG, natural gas and dual fuel.

Products

Diesel Oxidation Catalyst (DOC)

- Primarily for hydrocarbon and CO abatement with secondary particulate reduction

Oxidation Catalyst

- For superior CO abatement from natural gas and LPG engines

Three Way Catalyst (TWC)

- For NO_x, CO and HC abatement in rich burn natural gas engines

SCR Systems

- For NO_x control in direct and lean burn natural gas engines

Features

- Simple design
- Economic construction
- Metallic foil with unique coating process for diesel and TWC
- High CO, NO_x, HC, PM reduction
- Temperature and pressure ports
- Stainless steel construction

Benefits

- Easy installation
- Long product life
- High conversion efficiency
- Low pressure drop
- Removable test cartridges

Also Available

Catalyzed Soot Filter (CSF)

- For high particulate abatement with secondary HC reductions

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.

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Visit www.catalysts.basf.com/patents for a list of our product patents.

Application	Hydrocarbons	Carbon Monoxide	NOx	Particulate/Soot
DOC	***	***		*
Oxidation Catalyst	***	***		
TWC	***	***	***	
CSF	**	**		***

Typical Reduction

***	90 – 99%
**	80 – 90%
*	10 – 50%

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