

Diesel Particulate Filters

Diesel emissions control solutions

Exposure to particulates from diesel engine exhaust is associated with a range of health effects from exacerbation of asthma, bronchitis, and pneumonia symptoms to retarded lung development.

To reduce diesel particulate matter, one of the most effective options is a diesel particulate filter (DPF). Diesel particulate filters are devices that collect particulate matter in the exhaust stream.

The high temperature of the exhaust heats the structure and allows the particles inside to break down (or oxidize) into less harmful components.

Diesel particulate filters can be installed on new and used vehicles, but must be used in conjunction with low sulfur fuel.

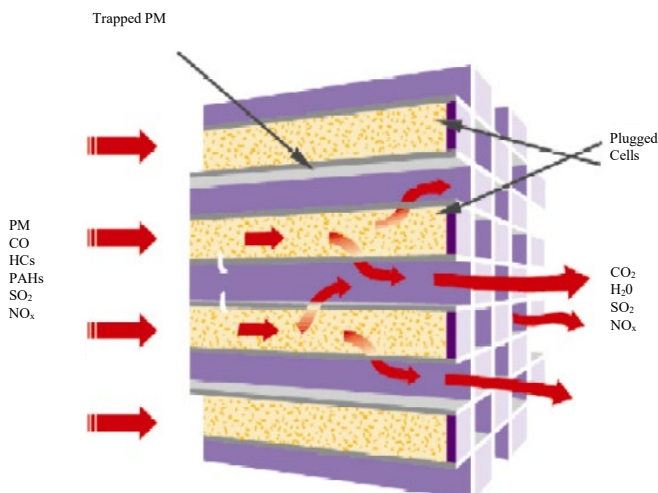
The combination of diesel particulate filters and low sulfur fuel can greatly reduce emissions of hazardous particulates, smog causing hydrocarbons, and poisonous carbon monoxide.

BASF is a leading supplier of cost-efficient emission-control technologies. With over 15 years of experience in the diesel particulate filter market, our technology has been successfully used for serial production on hundreds of thousands of diesel cars and trucks. It has also been proven on tens of thousands of vehicles retrofitted worldwide.

BASF Catalyzed Soot Filters (CSF) first trap particulates and then use a patented catalytic technology to continuously burn them at normal diesel operating exhaust temperatures.

Benefits

- Able to trap very fine particles including those below one tenth of a micron which includes most of the PM10
- Can reduce particulate matter, carbon monoxide and hydrocarbons by 90+%
- Driver transparent
- Easy installation



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

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