

# Motorcycle Catalysts

## To meet Euro 3 regulations

**BASF catalyst technologies, leveraging advanced materials and novel architectural designs, can meet motorcycle Euro 3 emission standards with low precious metal content, even for carbureted engines.**

Carbureted motorcycle engines with broad air/fuel excursions can be challenging to bring into compliance with Euro 3 emission standards. Advanced catalyst technology from BASF offers a cost effective approach to meet this challenge.



A typical carbureted motorcycle emissions system consists of two catalysts: a front catalyst is placed near the engine to enhance light-off and reduce cold-start emissions, while a rear catalyst is located further downstream in the exhaust system to convert remaining pollutants.

### Benefits

- Cost-effective use of specially engineered precious metal packages
- Strong performance under varying air/fuel conditions



### Full range of capabilities

BASF offers a full range of exhaust after-treatment capabilities for cost effective emissions compliance.

This includes in-house design and manufacture of metallic substrates, a full range of Applications Engineering and Development capabilities, vehicle testing and catalyst screening services, enhanced local supply chain for short lead times, and world class customer

## 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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