

NOxCAT™ ZN2O N₂O Catalyst

For N₂O & NO_x emissions

BASF's innovative family of catalysts includes a patented catalyst for removal of N₂O and NO_x emissions

NOxCat ZN2O catalyst can achieve high levels of NO_x and N₂O conversion. The underlying zeolite technology has been used for over 20 years for controlling NO_x and has recently been improved to remove N₂O.

Remove both NO_x and N₂O

High levels of NO_x and N₂O conversion can be achieved with NOxCAT ZN2O. BASF's patented technology has demonstrated the simultaneous removal of both species from 400°C to 600°C.

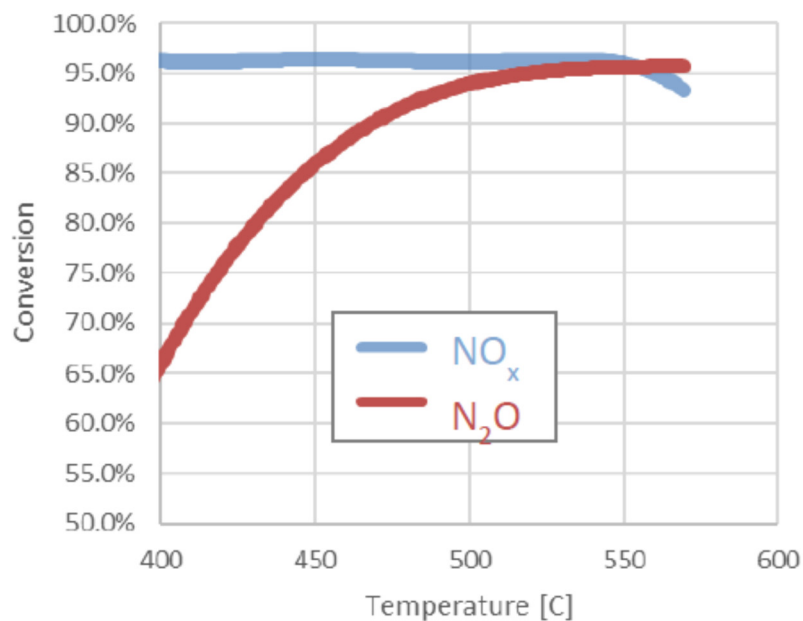
Cut Catalyst Costs up to 50%

NOxCat ZN2O catalyst can replace traditional SCR by introducing NH₃ into the exhaust to simultaneously remove N₂O and NO_x. Removing both species in the same reactor can reduce catalyst costs by up to 50%.

Demonstrated Performance

Field data from a plant in China demonstrates >95% conversion for both NO_x and N₂O after 2 years of operation.

Field Data from China after 2 yr operation



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: +1-732-205-6078
Email: sandra.king@basf.com

Asia Pacific

BASF (China) Company Limited
239 Luqiao Road, Jinqiao, Pudong
Shanghai 201206, China
Tel: +86-21-6109-1862
Email: daniel.a.zhu@basf.com

Europe, Middle East, Africa

BASF SE
MA-R64-2
67056 Ludwigshafen, Germany
Tel: +49-621-60-59742
Email: adrian.crosman@basf.com

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