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DNZ – Laughing Gas Removal Catalyst

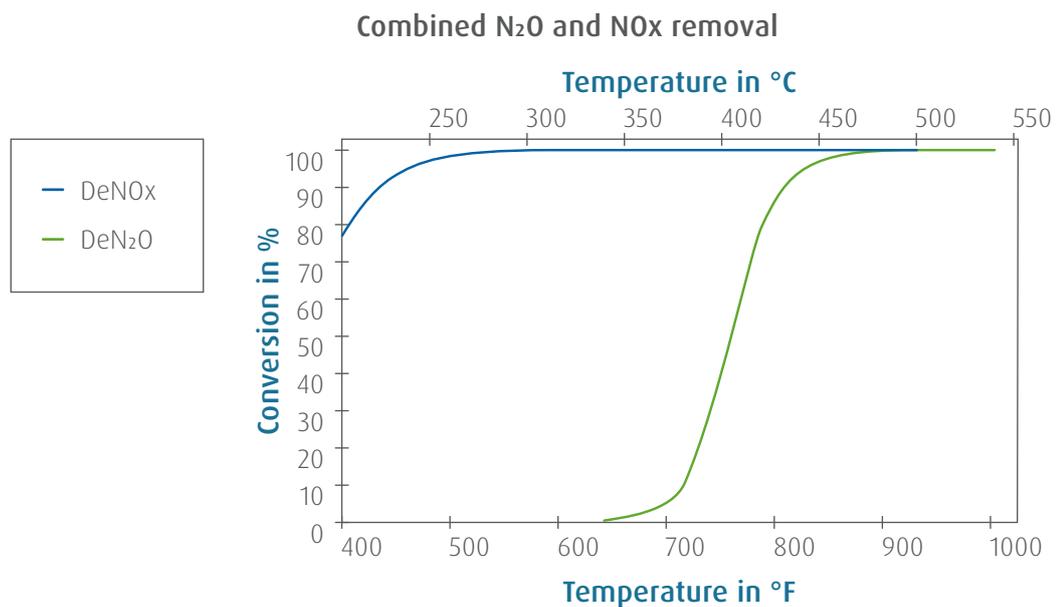
A powerful solution for the removal of laughing gas

Laughing gas (N_2O) is a highly potent greenhouse gas with a global warming potential about 300 times greater than CO_2 that also depletes the ozone layer. The Umicore DNZ catalyst is not only a great building block for achieving Scope 1 emission reduction targets in industrial production but also a smart investment that quickly pays for itself through significant CO_2 allowance savings. Thanks to its highly efficient coating technology and durability, this catalyst has minimal impact on production processes, making it the ideal solution for reducing your environmental footprint.



DNZ benefits:

- Dual function catalyst for combined DeNOx and DeN₂O
- Enables significant savings in CO₂ allowances
- Suitable for industrial production and ammonia-fueled engines
- Low pressure drop
- High durability
- Local manufacturing through Umicore's global production footprint



With over 40 years of experience in catalytic emission control, Umicore offers solutions for a wide range of applications and industries. We have more than 5,000 industrial references for catalytic oxidation, SCR, catalytic particulate filtration, ammonia oxidation and N₂O reduction catalysts, making Umicore the right partner for a cleaner and decarbonized world.

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