

Oxidation Catalysts

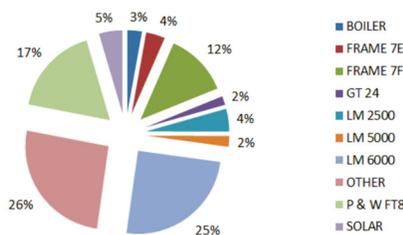
For the Power Generation Industry

Innovative catalytic solutions to control hazardous air pollutants and meet strict emission standards.

Proudly serving the power generation industry for over 25 years, BASF has sold more than 810 oxidation catalyst systems (refer to Figure 1). BASF customers value our experience and technical expertise as the premier supplier of oxidation catalyst solutions to the power generation industry.

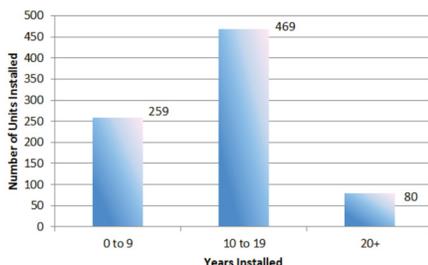
Figure 1

Over 810 Units Operating or Under Construction



BASF's breadth of experience encompasses virtually every make, model and turbine configuration (see Figures 1, 2 and 3). Our innovative expertise in R&D, application and project engineering ensures maximum performance for both new source applications and replacement catalysts for existing applications.

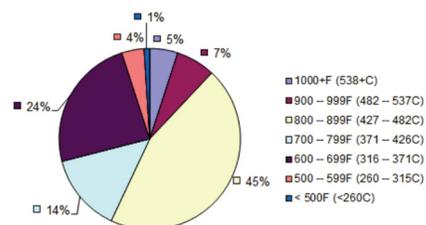
Figure 2



Moreover, our oxidation catalyst solutions are technically superior as well as long lasting. The expected life of our catalysts is typically 2-3X beyond the specified warranty period (3-5 year warranty). This makes them an excellent value for the end-user (Figure 2).

Nearly all of the power generation oxidation catalysts provided by BASF are still running – over 92%! No one else in the industry approaches the durability or number of installations of BASF oxidation catalysts for the power generation industry.

Figure 3 Turbine Unit Operating Temperature



BASF Oxidation Catalysts

- Can be designed for high CO conversion (50% - 99%+).
- Additional benefit of VOC and HAP reduction (data available upon request).
- 92% of installations sold have original catalyst.
- Many installations have been operating 20+ years with the original BASF catalyst.

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.

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

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