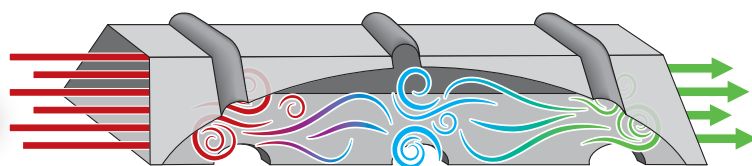
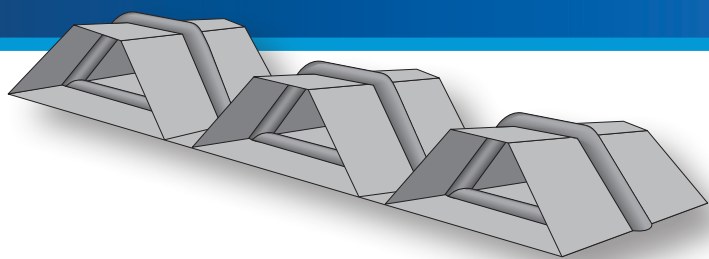




## PRODUCT ADVANTAGE

The me<sup>e</sup> **BEAST** catalyst combines the innovative technologies of two industry leaders, MIRATECH and EmeraChem, to create unprecedented emissions-control capability. For superior performance and durability, plus the industry's best warranty, you need the me<sup>e</sup> **BEAST**.



## FEATURES AND BENEFITS

### Turbulent Foil Geometry

- + Eight optimized turbulent zones maximize destructive performance while reducing engine backpressure
- + Maximizes HAPs exposure to catalyst substrate
- + Added performance helps unit stay within permit limits longer
- + For certain applications, less catalyst volume may be required to achieve the same reductions
- + Optimized turbulent design reduces ash fouling and cleaning frequency
- + Increased catalytic reactions provide greater potential for HAPs reductions, even in higher-BTU gas environments

### Resistance Welding and Diffusion Bonding

- + Gives catalyst greater mechanical stability over the thermal cycling life of the element
- + Preserves the oxidized foil surface, for excellent coating adhesion (unlike brazing) and longer performance life

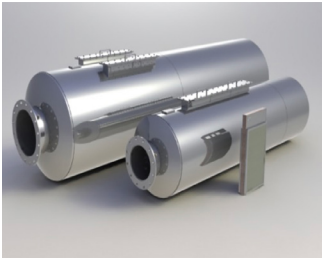
### Increased Catalyst Surface Area and Coating Durability

- + Greater catalyst masking tolerance, for longer performance
- + Equivalent of 55 football fields of catalytic surface area on every cubic foot of catalyst
- + Thermally stabilized wash coat provides greater resistance to sintering during prolonged operation at high temperatures

### Increased Precious Metals Durability

- + Higher tolerance to contaminants found in engine exhaust, lube oil and coolants
- + Proprietary form of Pt yields super-high dispersion on the catalyst surface, for better performance and longer service life
- + Advanced form of Rh, for greater service life and regenerative responsiveness to catalyst washes
- + Three-year end-of-life warranty

# Complete Catalyst Lifecycle Maintenance



## RIGHT PRODUCT – RIGHT HOUSING

Get the right catalyst sized for your specific application. CO, VOCs, NOx—most sites have different needs and requirements, we size our catalyst to your application. Choose between the **me** 1-year and **me BEAST** 3-year end-of-life warranty for your site needs.

Matched with MIRATECH's catalytic housings, you can choose between multiple grades of silencing. From catalyst only housings up to 60 dBA sound attenuation, MIRATECH has the housing that will stand the test of time and hit your acoustic needs.

## CATALYST SERVICE CENTERS

*Located in major natural gas producing regions of North America.*

Cypress, TX

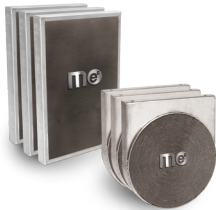
Knoxville, TN

Pittsburgh, PA

Gillette, WY

Midland, TX

Tulsa, OK



## Localized Inventory

Catalysts come in a wide variety of shapes, sizes and formulations to match a broad range of engine sizes, application and site conditions. MIRATECH has a large network of distributors and owned facilities throughout the world and maintain a large inventory of many of our catalysts.



## Catalyst Performance Testing

How much performance life is left in your catalyst? Will chemical washing restore the performance?

Ask MIRATECH. Our Catalyst Service Centers feature the patented Multi-Lambda Catalyst Testing System (MLCTS®). Real-world testing on your elements ensures successful operations in the field. Our dealers make this service easy to access.



## Washing Stations

A precious metal catalyst is a valuable piece of equipment and deserves first rate maintenance. Every MIRATECH-authorized dealer operates a state-of-the-art catalyst chemical washing system. Catalyst washing is a carefully controlled chemical process, and you can feel confident knowing that our process is the product of two decades of catalyst development and know-how. Before you replace your old catalyst, find your local MIRATECH dealer and insist on MIRATECH's chemical washing and regeneration process for your precious metal catalyst.



## Precious Metal Reclaim

At the end of the catalyst's service life, precious metals such as platinum, palladium and rhodium can be reclaimed and recovered, and used to manufacture replacement catalyst or redeemed for their monetary value.

Drop off or schedule a pick up from our local dealer to receive a core credit for your spent catalyst.



Sales/Technical Support  
+1 800-640-3141



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