

Developing leading edge catalyst technology.

# EZDoc™

AirFlow Catalyst Systems' delivers high-performance technologies and customized solutions. Our EZDoc™, a Diesel Oxidation Catalyst system, offers great value.

Technical Details:

- Flow Through Substrates
- 90%+ conversion of CO to CO<sub>2</sub>
- Gaseous hydrocarbon conversion to CO<sub>2</sub> and H<sub>2</sub>O vapor
- ACS 50/platinum catalyst coating

Applications:

- Diesel exhaust systems

Credentials:

- **PA-DEP approved for Mercedes 904 series engines on Brookville man transporters**

**Leading edge benefits:**

- Reduced space requirements
- Low temperature, high performance
- Reduced NO<sub>2</sub> Emissions

***Proven performance***



Canned DOC with flanges designed for the (Mercedes Benz) OM904 4 cylinder engine

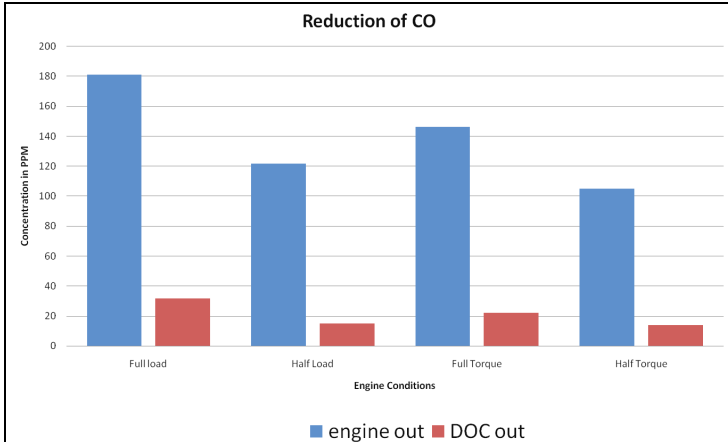
**AirFlow Catalysts Offer Value:**

- Low Cost
- Low Maintenance
- Low Temperature Light-off

**AirFlow Catalysts Can Be Customized within a variety of applications:**

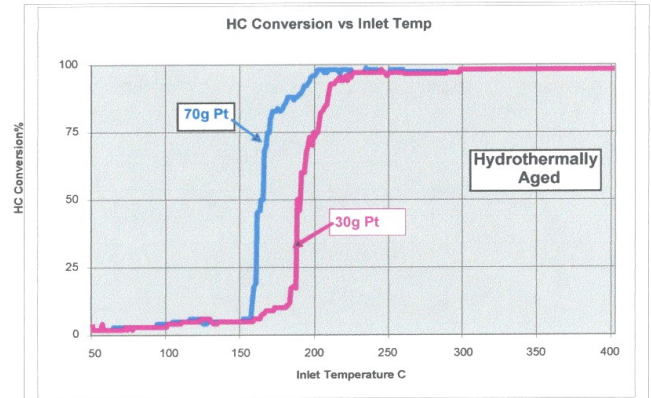
- Mining
- Forestry
- Construction
- Generator Sets
- Marine Applications
- Railroad Engines

**AirFlow's EZDoc™ is very effective in reducing critical emissions:**



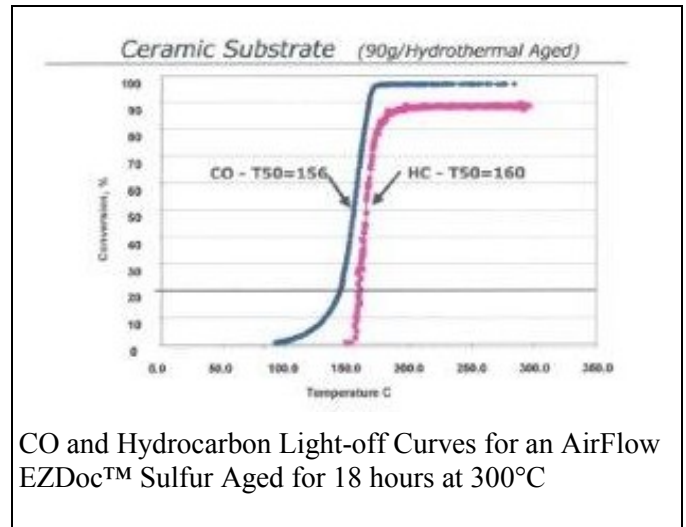
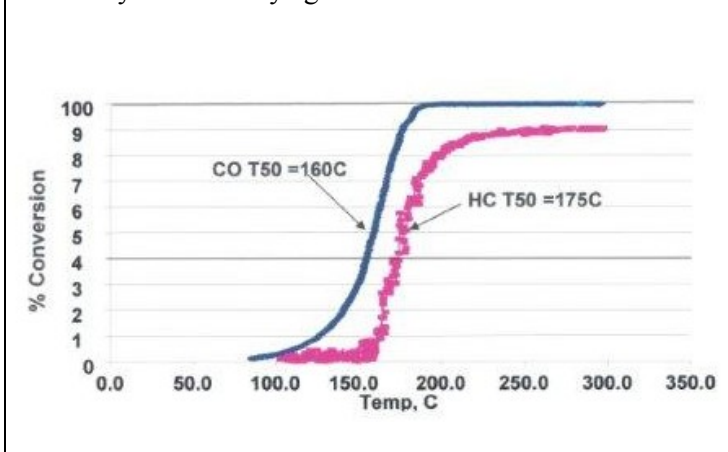
EZDoc™ tests show effective control of CO emissions at varied engine loads and speeds as tested on Isuzu 4JG1T Turbocharged Diesel Engine

EZDoc's Hydrocarbon Light-off Characteristics after Hydrothermal aging for 10 hours at 700°C



T50 values for the CO and Hydrocarbon oxidation reactions are significantly below 200°C

CO and Hydrocarbon Light-off curves for an AirFlow EZ-  
Doc™ Hydrothermally aged for 5 hours at 800°C



CO and Hydrocarbon Light-off Curves for an AirFlow EZDoc™ Sulfur Aged for 18 hours at 300°C

***The AirFlow Difference:***

Industry leading services:

- Customized Solutions
- Engineering Expertise
- Coating Expertise
- Technical Support (pre-, during, post-installation)
- Customer Service Focus

Additional industry leading products from AirFlow:

- deNOx Systems
- Custom Coatings

For more information, please contact



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