



# Clean Emissions Products Inc.

*“Every Engine Deserves Clean Emissions”*

## Oxidation Catalyst

Applications: Construction, Mining, Material Handling, Small Engine, Power Generation, Marine, Rail, On Road Trucks & Buses

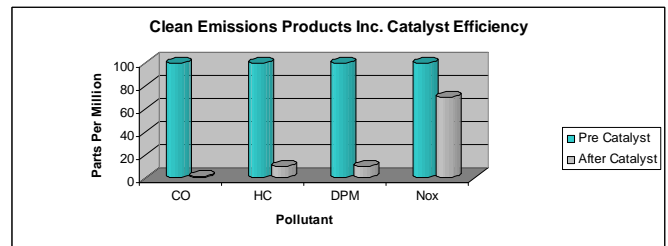
### Basic Catalyst & Housing

Stainless Steel Catalyst Core (15 Gram Pt Loading)  
Stainless Steel Housing (Grade 304, 14 & 16 Gauge)  
Maximum Pressure Drop of < 3" H<sub>2</sub>O  
Available in Inline, Muffler, QuickCat and Exhaust Port Configurations



### Effectiveness in Reducing Exhaust Emissions

CO (carbon monoxide) up to 99%  
HC (hydrocarbons) up to 90%  
DPM (diesel particulate matter) up to 88%  
NOx (oxides of nitrogen) up to 30%



### Lifespan of Catalyst

Mobile Applications - 8,000 to 12,000 hours (2 to 3 years)  
Stationary Applications (Standby) - 15 years (500 hours annually)  
Stationary Applications (Prime) - 5 years (1500 hours annually)

### Maintenance

Designed to be maintenance-free when installed on a regularly maintained engine.  
If maintenance is required simply remove catalyst and blow out in opposite direction of exhaust flow with high pressure water or air.

### Operating Conditions for Successful Catalyst Performance

Exhaust temperature must be at least 250° C (482° F) and not exceed 750° C (1382° F).