

# Off-Highway Catalytic Converters & Mufflers



## **MINE-X<sup>®</sup>**

### **Catalytic Converters & Mufflers**

*Construction   Material Handling   Mining   Small Utility Engines*

# MINE-X<sup>®</sup>

## Catalytic Converters & Mufflers for Off-Highway Vehicles

DCL International Inc. offers a variety of OEM and retrofit oxidation catalysts for all types of off-highway machinery, including construction, mining, earthmoving and material handling vehicles, and portable equipment. MINE-X<sup>®</sup> catalytic converters and mufflers dramatically reduce carbon monoxide (CO), hydrocarbons (HC) and exhaust irritants from diesel engine exhaust.

Specifically designed for the rugged demands of heavy-duty off-road vehicles, MINE-X<sup>®</sup> catalytic converters and mufflers will help to improve workplace environmental health and provides compliance with most local regulations requiring an exhaust purifier or exhaust scrubber.

### MINE-X<sup>®</sup> Catalytic Converter Features:

- Slip fit inlet/outlet connection for installation between the exhaust manifold and muffler
- High mechanical and thermal durability; suitable for the most severe duty applications
- Available in most imperial and metric tube fits
- Heavy gauge stainless steel construction
- Brazed metal substrate
- Quick release clamps for removal of the substrate (optional)
- Add-on muffler (optional)

### MINE-X<sup>®</sup> Catalytic Muffler Features:

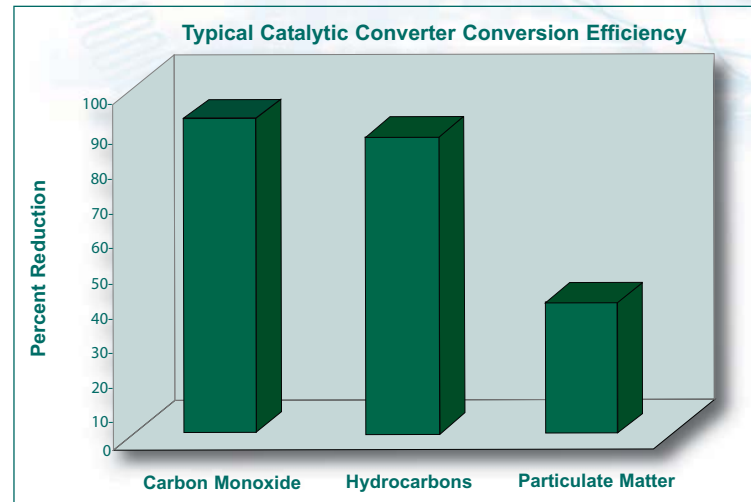
- Custom designed for each vehicle model to directly replace the OEM muffler
- High mechanical and thermal durability; suitable for the most severe duty applications
- Heavy gauge mild steel or stainless steel construction
- Brazed metal substrate
- Utilizes the same pipe connections, mounting points, brackets, straps, etc. as the OEM muffler



MINE-X<sup>®</sup> Catalytic Converter



MINE-X<sup>®</sup> Catalytic Muffler



## Benefits

### of MINE-X<sup>®</sup> Catalytic Converters and Mufflers

#### Versatility & Safety

- Equipment can operate longer indoors
- Helps to achieve compliance for strict emission regulations

#### Quick and Easy Installation

- No exhaust system modifications needed
- Reduces costly equipment down time
- Reduces expensive installation time

#### Unmatched Durability

- Heavy-duty designs and superior workmanship
- Long life and durability provides greater long-term savings

#### Maintenance Free

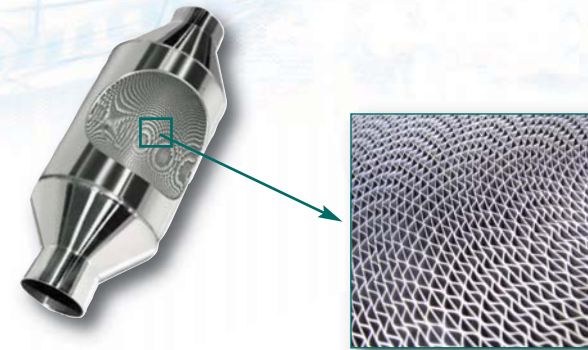
- Maintains workplace productivity
- Maintenance and trouble free

#### Lowest Back Pressure

- Lowest exhaust flow restriction of any purifier

#### Direct Fit Designs

- Available for all models and types of equipment
- A complete range of direct fit catalytic mufflers
- Most designs ship in 3-5 days



Each MINE-X<sup>®</sup> catalytic converter and muffler contain a brazed stainless steel honeycomb substrate which eliminates the possibility of cracking or telescoping.

### MINE-X<sup>®</sup> Catalytic Mufflers Customized To Meet Your Needs

DCL catalytic mufflers are second to none in the industry. Drawing on decades of experience and a leading edge research and testing facility, our expert team of engineers and scientists provide the most cost effective solutions with the shortest lead times.



# DCL International Inc. - Preserving and Improving the Quality of the Air We Breathe

DCL International Inc. is a global leader in the engineering, manufacturing and supporting of advanced emissions control technology for stationary and mobile industrial engines. Our products - which include oxidation and three-way catalysts, silencers, particulate filters, SCR systems and accessories - are used worldwide in the material handling, construction, mining, gas compression and power generation markets.

DCL's dedicated industrial focus is unique in the emissions control industry. To meet the specialized needs of the industrial market, we adopt an integrated approach, bringing together product development, design, manufacturing and testing all under one roof. This single-source capability enables us to provide better engineered emissions solutions that deliver outstanding performance, longer life and lower cost of ownership. Our superior product quality has made DCL the choice of customers around the world.



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