

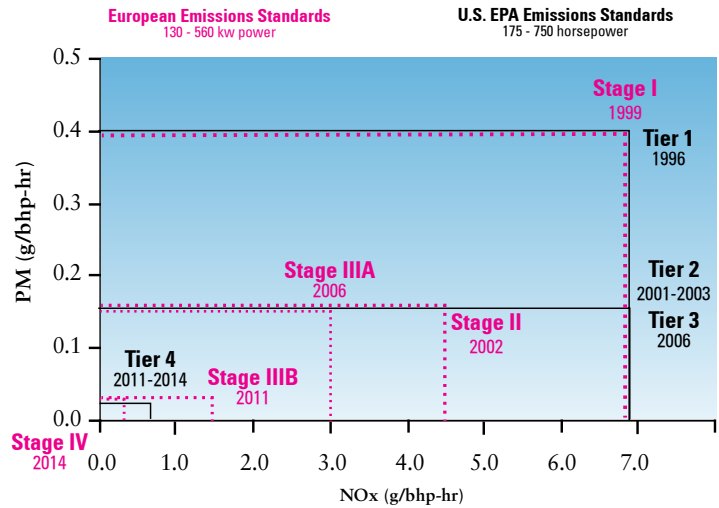


Emissions Solutions Provider

When looking for a supplier that understands heavy-duty diesel engine aftertreatment and knows what it takes to package emissions devices, our Donaldson team is a powerful resource.

Now that on-road vehicle manufacturers have rolled out their 2010 or newer solutions, off-road vehicles are the next industry challenge.

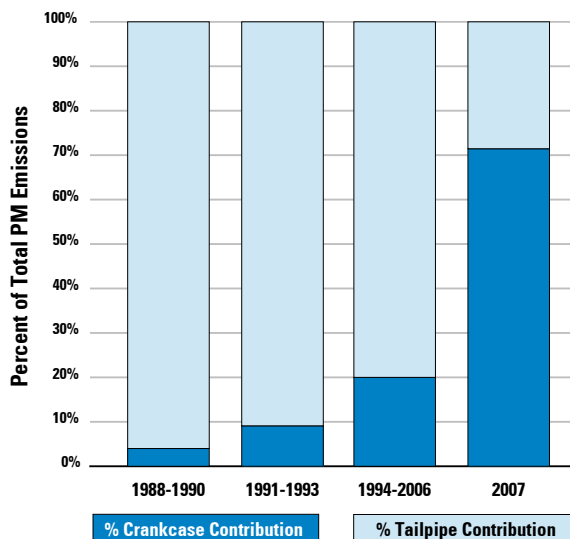
U.S. & European Off-Road Emissions Standards



Market Segments Served

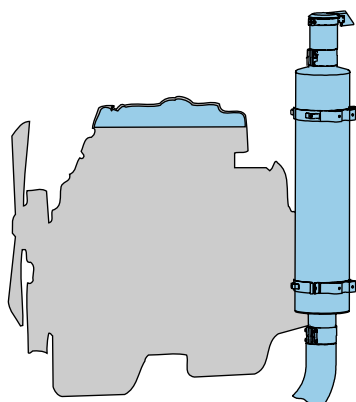
- Medium- and Heavy-duty Truck and Bus
- Construction
- Industrial
- Mining
- Agriculture
- Military/Defense





Patented Tailpipe and Crankcase Solutions

There are two emissions sources in diesel engine applications – the crankcase ventilation system and the tailpipe. Independent tests on on-road engines have shown that 10-25% of engine emissions are generated from the crankcase. In 2007 model year engines, the crankcase emission contribution accounts for more than 70%!



Diesel Engine Emissions Sources Crankcase Vent and Tailpipe

As tailpipe emissions are reduced, the crankcase emissions become the larger percentage of the two sources.



Donaldson Company, Inc.
Minneapolis, MN

www.donaldsonOEMfiltration.com
www.donaldson.com

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