

Eliminate Crankcase Emissions and Improve In-Cab Air Quality



Spiracle™ filtration systems will eliminate crankcase blow-by emissions for diesel engines without fouling turbochargers or aftercoolers, enabling trouble-free closed-crankcase operation.

What is a Spiracle™ Crankcase Filtration System?

Efforts to reduce particulate matter emissions from in-use diesel engines require retrofits. Most retrofits focus on reducing tailpipe emissions. Independent testing has confirmed that 10-25% of engine emissions come from the crankcase vent. Most medium- and heavy-duty turbocharged diesel engines have open crankcase vents because blow-by contaminants can foul turbocharger and after-cooler components if unfiltered in a closed-loop.

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The Spiracle crankcase filtration system (CFS) eliminates harmful and unwanted crankcase emissions and allows the crankcase to be closed without degrading performance. It will reduce engine oil consumption (up to 6 gallons per year) and under hood odors/fumes.

The Spiracle CFS installed with other emissions reducing mufflers (i.e. DOC, DMF, DPF) will increase the overall emissions reduction. In fact, you may need to install this crankcase filtration system to meet state or federal emissions regulations along with your tailpipe retrofit.

More information on Spiracle can be found at
www.donaldson.com/en/exhaust/shoptalk/043187.pdf
and
www.donaldson.com/en/exhaust/support/datalibrary/061798.pdf

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