

Tadger In-line Fuel Technology

Distributed By



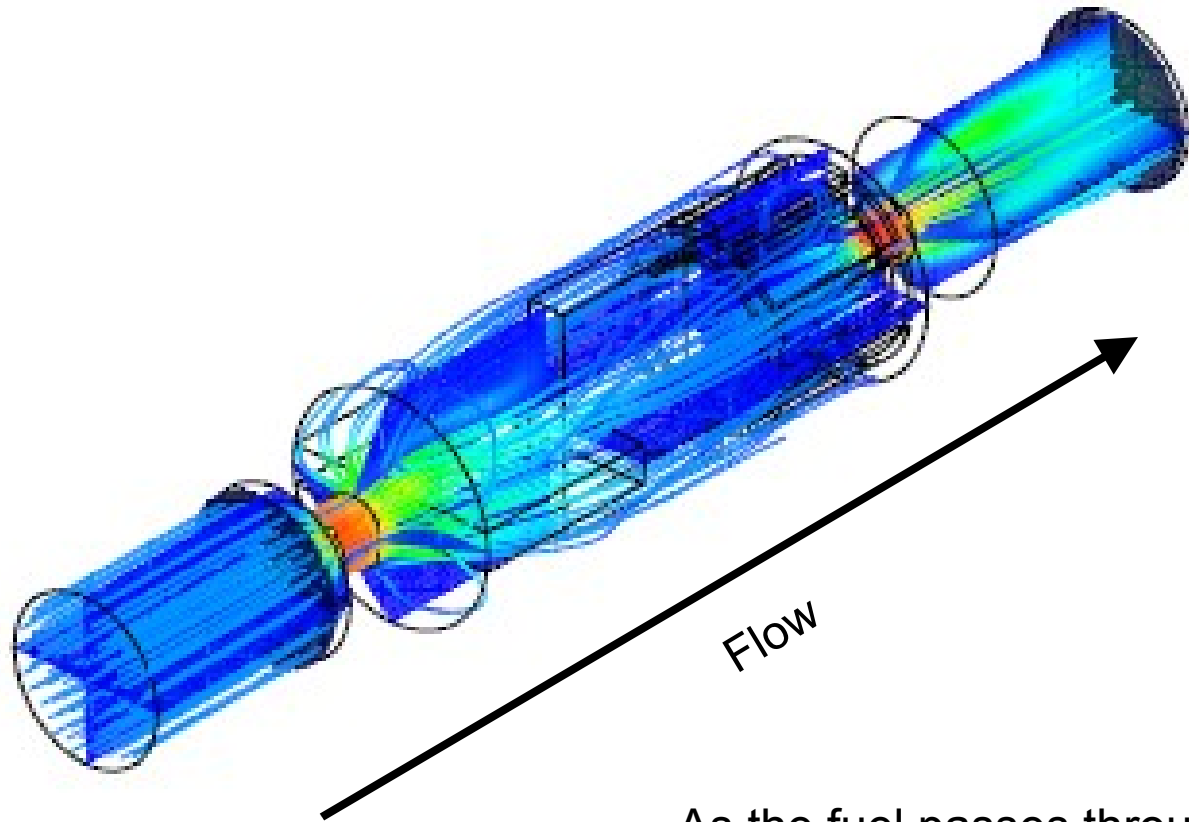
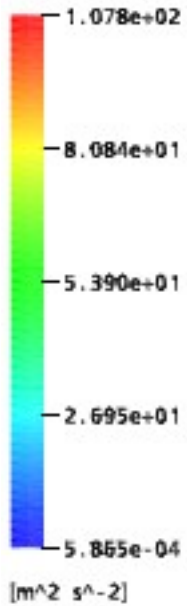
How it Works

The Tadger creates a controlled turbulence through a fixed geometric configuration. This turbulence conditions the fuel to allow it to burn more efficiently. It is installed like an in-line fuel filter on the input fuel line.



Turbulence Kinetic Energy

(Plane 4)



As the fuel passes through the
Tadger, an increase of kinetic energy
(heat transfer) is evident

Applications

The Tadger can be used for many applications, including:

- Short and Long Haul Trucking
- Mining
- Transit
- Municipal Fleets
- Construction
- Paratransit
- Highway Coach
- Courier
- Police
- Off-Road Vehicles
- Marine
- Personal Vehicles

Customers

- Some of our customer are:
 - Ashley Furniture
 - Great Canadian Coach
 - MCQ Handling
 - Chef Container
 - Harold Marcus
 - Richmond Hill Fire Department
 - Mullen Trucking LP
 - Newmont Gold Mines

What to Expect

- At least 3% increase in fuel economy
- Emission reductions
- Reduced black smoke and soot
- Increased oil life



Detroit Series 60 Post EGR



Before Tadger Installation
June 20, 2002



After Tadger Installation
August 15, 2002



After Tadger Installation
September 04, 2002

**YORK REGION PARATRANS UNIT
SHOWING REDUCED SOOT EMISSIONS
DUE TO TADGER INSTALLATION.**

Life Expectancy

Due to the fact that the Tadger has no moving parts, the life expectancy is **infinite**

This means that it can be taken off of an old engine and put on a new one

Our customers have seen great results with our products...above and beyond our **3% guaranteed increase in fuel mileage**

Summary of Client On-road Fleet Testing

<u>Fuel Type</u>	<u># of Company's</u>	<u># of Vehicles</u>	<u># of Months</u>	<u># of Miles</u>	<u>Avg Savings</u>
Diesel	71	267	281	8,412,504	5.2%
Gas	7	66	28	321,869	7.1%

<u>Diesel Exhaust Gas</u>	<u>Average</u>	<u>Range</u>	<u>Number of Tests</u>
Carbon Monoxide (CO)	30.9%	-	9
Oxides of Nitrogen (NOx)	15.3%	-	9
Particulate Matter (PM)	14.5%	-	2
Opacity	27.8%	-	49
Fuel Economy	5.16%	1.4% - 10.8%	69

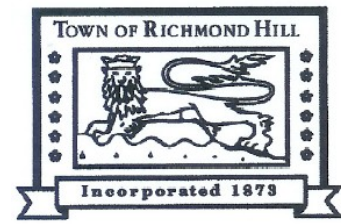
<u>Gasoline Exhaust Gas</u>	<u>Average</u>	<u>Range</u>	<u>Number of Tests</u>
Carbon Monoxide (CO-%)	23.5%	-	11
Carbon Monoxide (CO-g/mi)	56.3%	-	2
Oxides of Nitrogen (NOx-ppm)	28.1%	-	8
Nitric Oxide (NO-g/mi)	46.6%	-	2
Hydrocarbons (HC-ppm)	52.1%	-	11
Hydrocarbons (HC-g/mi)	69.3%	-	2
Fuel Economy	7.09%	4.3%-11%	7

-The emission reduction claims are based on independent Ontario Government approved testing facilities, testing by Environment Canada, testing by the Department of Energy Utilization in China, testing by Belgrade University, testing by Hong Kong Polytechnic Institute and in-house testing using an ECOM AC-Plus 5 gas emission analyzer.

- The fuel economy claims are based on TMC Type IV fuel economy testing following industry standard SAE guidelines. Additional data is available from testing by Environment Canada, Department of Energy Utilization in China, Belgrade University, Hong Kong Polytechnic Institute and in-house testing using a standard test protocol with fuel records from individual fleets.

“We have been very happy with the results having experienced emissions reductions up to 57.3% in diesel engines.”

Shane K. Baker, Fire Chief



Mullen Trucking LP

“With the Tadger product and a guarantee of at least 3% we are at least confident that the results are attainable and at 5.38%our return on investment is in line with our initial cost...3% may not seem like a lot but spread it out over a fleet in a year and the number becomes impressive.”

Kelly Scheer, Director of Maintenance

“I highly recommend your services and technology for any fleet manager looking to reduce their fleet emissions and improve fuel economy.”

Alain Fluet, Mobile Mechanical Supervisor



“On our weekly Grand Rapids route with a front load garbage truck our daily fuel consumption was 52 gal a day. With the Tadger it went to 43 gal a day. This represents a 9 gals a day savings. You can do the math.”

Don Gritter, Maintenance Manager

Not only will Tadger show you an increase in fuel mileage; it will also...

- Lower emissions
- Improve oil life
- Create a healthier environment
- Require no maintenance
- Improve public perception
- Not void OEM warranties
- Offer a low investment with a high ROI



Would You Rather...



Without Tadger



With Tadger

Tadger is brought to you by:
Efficient Transportation Solutions (ETS)



ETS offers innovative solutions to transportation companies increasing both their environmental responsibility and profitability

TADGER

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