

RENTAR

Fuel Catalyst

World Leader in Pre-combustion Technology

INDEX OF INDEPENDENT 3RD PARTY LABORATORY TESTING 22 Documents

DOCUMENT 1



TRANSIENT EMISSIONS EVALUATION OF A RENTAR ENVIRONMENTAL SOLUTIONS, INC. IN-LINE FUEL CATALYST FOR USE WITH ENGINES

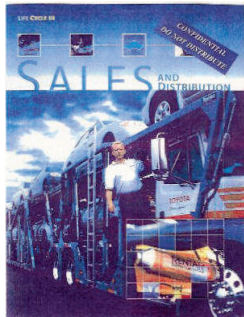
Southwest Research Institute

EPA and CARB recognized Engine Emissions Laboratory
Over the Road Truck Engine Tested Off Chassis in Laboratory Cell
Cummins N14-370E

Results:

- 2.0% Fuel Consumption Improvement
- 3.2% NOx Improvement
- 3.5% CO Improvement
- 2.0% CO2 Improvement

DOCUMENT 2



EXHAUST EMISSIONS AND FUEL ECONOMY TESTING OF FIVE TOYOTA/PENSKE TRUCK TRACTORS POWERED BY CATERPILLAR C-12 DIESEL ENGINES

ETS, a Division of Olson Engineering

EPA and CARB Recognized Engine Emission Laboratory
5 Toyota/Penske Truck Tractors Powered by Caterpillar C-12
Testing Conducted in Environment Controlled Laboratory Conducted on a Computer Controlled Dynamometer

Results: (Average Results of 5 Trucks) –

Steady State ("highway driving")

- 11.3% Fuel Consumption Improvement
- 42.2% Particulate Matter (PM) Improvement
- 9.7% CO2 Improvement
- 33.5% Carbon Monoxide Improvement
- 36.8% Total Hydrocarbons

Hot-Start UDDS-HD ("city driving")

- 3.2% Fuel Consumption Improvement
- 6.9% Particulate Matter (PM) Improvement
- 2.5% CO2 Improvement
- 9.9% Carbon Monoxide Improvement
- 10.3% Total Hydrocarbons Improvement