



*...Providing Tomorrows
Technology
Today...*

AMERICAN DIESEL & GAS, INC.

SUMMARY REPORT

FOR A

FLORIDA TRUCKING COMPANY

USING A

DETROIT DIESEL 60 EGR ENGINE

PRIOR TO AND AFTER

UPGRADE WITH

Q-SHIELD™ TECHNOLOGY

INCLUDING REVENUE SAVINGS

ANALYSIS OF A DETROIT DIESEL 60 EGR ENGINE

Results of Base Line Test – Prior to Technology Installation

<u>Date</u>	<u>Distance - Mile</u>	<u>Fuel – Gallons</u>	<u>MPG</u>
11/16-12/21/04	12,109	2,218.88	5.46

Results of Field Test After Installation of Q-Shield™ Technology

12/22/04-3/09/05	40,687.3	6,739.63	6.04
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Improvement in MPG Over Base Line

Base Line	MPG	5.46
Improved	MPG	<u>6.04</u>
Increase In	MPG	+0.58

Increase in MPG +0.58 over Base Line 5.45 MPG = **+10.62% MPG Increase**

I F Y O U D R I V E:

<u>Miles Per Year</u>	<u>MPG</u>	<u>Fuel Consumed in Gal.</u>	<u>Cost of Fuel Per Gal.</u>	<u>Total Fuel Cost Per Year</u>
40,000	5.46	7,326	\$4.00	\$29,304.03
50,000	5.46	9,158	\$4.00	\$36,630.04
75,000	5.46	13,736	\$4.00	\$54,945.05
100,000	5.46	18,315	\$4.00	\$73,260.07
125,000	5.46	22,894	\$4.00	\$91,575.09
150,000	5.46	27,473	\$4.00	\$109,890.11

Savings With Q-Shield™ Technology – 10.62%

<u>Miles Per Year</u>	<u>Yearly Fuel Cost</u>	<u>% Reduction In Fuel Cost</u>	<u>Savings Per Year</u>
40,000	\$29,304.03	10.62%	\$3,112.09
50,000	\$36,630.04	10.62%	\$3,890.11
75,000	\$54,945.05	10.62%	\$5,835.16
100,000	\$73,260.07	10.62%	\$7,780.22
125,000	\$91,575.09	10.62%	\$9,725.27
150,000	\$109,890.11	10.62%	\$11,670.33