



## STALUPPI AUTO GROUP

### Due Diligence Testing

The following report presents and details the due diligence performed by Atlantic Chevrolet and Cadillac dealership located in Bayshore, New York (Atlantic) -- on the *Vortex Fuel Saver*. This dealership (website: <http://www.atlantic.gmpsdealer.com>) is part of the Staluppi Auto Group, which consists of over 80 dealership locations under the brand names of Atlantic, Millennium, Advantage and Legacy, making it one of the Top 10 auto dealerships in America. Staluppi's auto brands include Chevrolet, Cadillac, Honda, Hyundai, Infiniti, Kia, Lexus, Nissan, Scion and Toyota.

The initial contact from Vortex to Atlantic came through Peter Rotzi, a well known race car driver in Long Island, who had seen such positive results on his own vehicle that he became an Independent Sales Representative for Vortex. His son, Keith Rotzi, who in addition to being a race car driver, is also a graduate of the NASCAR Institute of Technology. Keith performed various tests on his personal vehicles, which included experiencing significant increases in Miles per Gallon (MPG) and a 20% increase in torque. Here is an excerpt from his testimonial letter:

**I want to thank you for introducing me to the Vortex Fuel Savings System, as you are aware I was very skeptical about the use of the magnets as a fuel savings device, and boy was I wrong.**

**The fuel saving system on my 2003 5-10 pick up has increased my mileage from 350 miles distance to empty to 425 miles distance to empty.**

**As you are aware I am a graduate of NASCAR, and hold a degree in electronics as an electronic technician. In addition, on my 1996 Chevrolet Suburban 6.5 diesel I have achieved 28 miles per gallon. This is an increase of 10 miles per gallon.**

Keith also works for Atlantic Chevrolet and Cadillac in the service department. He introduced his boss, Harold Burst, Service Manager, to the *Vortex Fuel Saver*. Mr. Burst, too, was skeptical and wanted to see the system work on his own vehicle, which, at the time, was a 2008 Chevy Trailblazer with only 1400 miles on it. Mr. Burst wanted to test both the MPG increase as well as emissions. His MPG increased in the 20-25% range depending on city vs. highway driving.

Below is a cut out of the emission test on his 2008 Trailblazer. The “before” reading (top reading) was conducted on a Friday, and the “after” test (bottom reading) was conducted on the following Monday. It should be noted the “after” reading was prior to reaching stabilization period for the Vortex product. The stabilization period generally requires 3-4 full tanks of fuel during which the engine becomes electromotively charged. After this period, even better mileage and emission results would have been experienced. The emissions tests were performed at Atlantic, a licensed New York State emissions testing center.

2008 T. BLAZER

Emissions Readings			
HC Limit:	220	CO Limit:	1.20
HC:	5 ppm	CO:	0.00 %
CO2:	14.2 %	O2:	0.0 %
NO:	54 ppm		
Leak Check is Required Calibration is Required			
0 RPM			
Fri 04-Jan-2008 07:12:01 AM			
Readings not corrected for dilution.			

FIRE

Emissions Readings			
HC Limit:	220	CO Limit:	1.20
HC:	4 ppm	CO:	0.00 %
CO2:	14.3 %	O2:	0.0 %
NO:	20 ppm		
0 RPM			
Mon 07-Jan-2008 09:35:56 AM			
Readings not corrected for dilution.			

HOT

At this point, a third Atlantic employee, Juan Valentin, also in the service department, tested the *Vortex Fuel Saver*. Mr. Valentin’s 1994 Volvo with over 160,000 miles failed his required New York State emissions test on Friday January 11, 2008 (the date is partially

obstructed on the picture below). Mr. Valentin also expected to be faced with a costly valve job to remedy a carbon knock. He installed the Vortex Fuel Saver, and on the following Monday, without any other treatment or repairs, his car passed his emissions test. Continuing with the due diligence and testing, this car was subsequently tested on January 22 and March 5, 2008 (following the Stabilization Period). As the emissions tests (below) clearly show, the emissions levels dropped with each test, as the carbon, varnish and gum build up in the car's engine was getting cleaned out and the engine was being charged with an electromotive force.

The certified New York State emissions tests show the Hydrocarbons (HC) declining from 115 to 32, and Nitrous Oxide (NO) declining from 171 to 27, declines of 72% and 84%!

As the following testimonial letter states, the mileage per tank also increased from 327 to 486, an increase of almost 50%! In addition, the carbon knock completely disappeared.

My name is Juan Valentin, and I am writing to you to express my thoughts on your Vortex Fuel Saver System. First of all I wish to share with you my delight with the results of the system that was installed on my 1994 Volvo.

Prior to the installation of the Vortex Fuel Saver System my car was getting 327 miles to a full tank of gasoline, my power was minimal at best, and the car had a carbon knock that I anticipated would need to be corrected with a valve job, quite an expensive proposition. In addition, the car had failed the required New York State emissions test, so I was looking at an additional expense.

I am a mechanic at Atlantic Chevrolet and Cadillac located on Sunrise Highway in Bay Shore, New York and my employer was in the process of going through beta testing with your system, the system was offered to me as a way of correcting the problems on my vehicle. With nothing to lose I agreed to the test installation.

Well I must share with you the results of the test. Attached are the emissions tests for the car and you can see that the following reductions have occurred

January 11 2008	Jan 14	Jan 22	March 5 (with New Air Filter)
HC 115	93	41	32
CO2 13.6	13.3	3.0	3.0
NO 171	127	47	27
CO 0.50	0.52	0.09	0.10
O2 0.7	0.8	14.8	15.9

The only upgrade to my car was the air filter which as a mechanic I am aware is an inexpensive item that should be replaced on a regular basis.

Now for the good news, as I mentioned at the beginning of the letter my car was getting 327 miles to the full tank my car is now getting 486 miles to the full tank an increase of 159 miles this is outstanding, in addition the car has more power that is noticeable from the start every morning, and my engine knock has totally disappeared. I now do not need a valve job!!!

I can not thank you enough for your product, and by the way Atlantic Chevrolet and Cadillac is now stocking the product and selling the system to their clients.

A totally satisfied customer

Juan Valentin



PS My car passed the required NYS emissions test on January 14, 2008 three days after the installation, with nothing more than your system being installed

Juan Valentin

Emissions Readings	
HC Limit: 220	CO Limit: 1.20
HC: 115 ppm	CO: 0.50 %
CO2: 13.6 %	O2: 0.7 %
NO: 171 ppm	
Calibration is Required	
0 RPM	
Wed 11-Jan-2008 05:19:20 PM	
	1994 Volvo Before

Emissions Readings	
HC Limit: 220	CO Limit: 1.20
HC: 93 ppm	CO: 0.52 %
CO2: 13.3 %	O2: 0.8 %
NO: 127 ppm	
Calibration is Required	
0 RPM	
Mon 14-Jan-2008 06:14:40 PM	
	After

Emissions Readings	
HC Limit: 220	CO Limit: 1.20
HC: 41 ppm	CO: 0.09 %
CO2: 3.0 %	O2: 14.8 %
NO: 47 ppm	
0 RPM	
Tue 22-Jan-2008 06:21:39 PM	
	8 days later

Emissions Readings	
HC: 32 ppm	CO: 0.10 %
CO2: 3.0 %	O2: 15.9 %
NO: 27 ppm	
1790 RPM	
Wed 05-Mar-2008 06:25:37 PM	
Readings not corrected for dilution.	
	new air filter

Atlantic continued to have other employees test the Vortex Fuel Saver, all with positive results. For example, the truck used by the Service Department, mainly used to pick up and deliver parts, has experienced a 17% increase in MPG, almost all of which is city driving.

One of the most impressive emissions test results were on a 2000 Dodge Durango pickup truck with over 160,000 miles, owned by Kenneth Taylor, a former New York City police officer, and now a new car salesman at Atlantic. It is interesting to note that even though an emissions test was not due on this vehicle, the vehicle would have failed, as the HC and NO totaled have to be below 220 to pass in New York. The "after" test, just three days later, with nothing different other than the installation of a *Vortex Fuel Saver*, shows the HC, CO and CO<sub>2</sub> declining 99+%. In fact, the emissions were so low; the certified New York State emissions testing equipment printed a note to check for leaks.

Before 2000 Dodge Pick-up

Emissions Readings			
HC:	231 ppm	CO:	1.83 %
CO <sub>2</sub> :	13.1 %	O <sub>2</sub> :	0.1 %
NO:	68 ppm		
0 RPM			
Tue 18-Mar-2008 05:41:17 PM			
Readings not corrected for dilution.			

After

Emissions Readings			
HC:	1 ppm	CO:	0.00 %
CO <sub>2</sub> :	0.0 %	O <sub>2</sub> :	20.8 %
NO:	21 ppm		
Leak Check is Required			
0 RPM			
Fri 21-Mar-2008 05:01:34 PM			
Readings not corrected for dilution.			

Mr. Taylor also reported a smoother, more powerful ride, which is a common comment from users of the *Vortex Fuel Saver*, as the system increases horsepower as well.

During this due diligence testing by Atlantic, they wanted to see the results on a vehicle that had been installed for a while. Bob Link, the Vortex Sales Manager for this account, at the

time of this emissions test was driving a 2001 Mercury Marquis with 86,000 miles on it which had a *Vortex Fuel Saver* installed on it for the previous five months.

Atlantic tested Link's car, and again, the harmful emissions numbers show extremely low emissions.

Emissions Readings					
HC:	6	ppm	CO:	0.01	%
CO2:	0.1	%	O2:	21.0	%
NO:	17	ppm			
Calibration is Required					
0 RPM					
Mon 04-Feb-2008 02:25:52 PM					
Readings not corrected for dilution.					

2001 Mercury  
GM Grand Marquis  
86,000

Here is a picture of Link's dashboard computer readout showing his highway mileage.



We would be the first to acknowledge that the dashboard MPG can easily be tricked (though we didn't), so we will also show a picture of the dashboard readout for the Miles to Empty (which can't be tricked):



Originally, Bob Link averaged 312 - 350 Miles-to-Empty City/Hwy until the *Vortex Fuel Saver* was installed. Now he averages 430 - 440 Miles-to-Empty City/Hwy and 559 Hwy. After Bob got the mileage increase on the way home from the Vortex Installation, he immediately joined the company.

Atlantic is currently selling the *Vortex Fuel Saver* at the Atlantic Chevrolet Cadillac location in Bayshore, New York, and is working on a roll out plan to start selling them at all of their locations.

If you are interested in a personal demonstration of the *Vortex Fuel Saver* on your vehicles, or wish to become a Retailer/Installer or Independent Sales Representative, please contact the Sales Representative that gave you this report, or call (877) 888-2744 to have a Sales Representative contact you.