

Test Vehicle 1

**Cab 752
Dodge Grand Caravan**

Vehicle Test #1

CAB #752

Gas purchased Pre-Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
2/22/2010	122105	16.0670	2.469	39.67
2/22/2010	122264	8.5130	2.439	20.76
2/24/2009	122439	8.2710	2.539	21.00
2/25/2010	122631	10.6060	2.499	26.50
2/26/2010	122869	11.9880	2.469	29.60
2/27/2010	123041	9.4796	2.479	23.50
2/28/2010	123266	11.5910	2.459	28.50
Miles	1307	Gallons	76.5156	
		Pre-MPG	17.0814837	

Gas purchased Post Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
3/1/2010	123412	7.0040	2.499	17.50
3/1/2010	123574	8.0750	2.539	20.50
3/2/2010	123665	3.9386	2.539	10.00
3/3/2010	123953	14.9910	2.459	36.86
3/4/2010	124156	8.0030	2.499	20.00
3/6/2010	124499	17.2850	2.539	43.89
3/7/2010	124654	8.0200	2.469	19.80
3/8/2010	124838	10.4040	2.499	26.00
3/9/2009	124992	7.6950	2.599	20.00
3/10/2010	125216	11.0260	2.539	28.00
Miles	1804	Total Gallons	96.4416	242.55
		Less last quantity	85.4156	2.518
		Post-MPG	21.120274	
		MPG Improvement	23.64%	



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Test Vehicle 2

Cab 264
Ford Crown Victoria

Vehicle Test #2
CAB #264

Gas purchased Pre-Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
2/23/2010	114425	16.268	2.659	43.26
2/25/2010	114656	12.997	2.819	36.64
2/27/2010	114898	14.204	2.619	37.20
Miles	723	Gallons	43.469	
		Pre-MPG	16.63254	

Gas purchased Post Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
3/1/2010	115148	14.607	2.659	38.84
3/6/2010	115393	15.345	2.699	41.42
3/8/2010	115645	15.295	2.658	40.65
3/11/2010	115882	14.078	2.719	38.28
Miles	734	Total Gallons	59.325	
		Less last quantity	45.247	
		Post-MPG	16.22207	
		MPG improvement	-2.47%	



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TEST VEHICLE 3

**Cab 281
Ford Crown Victoria**

**Vehicle Test #3
CAB #281**

Gas purchased Pre-Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
2/22/2010	114789	10.08471158	2.479	25.00
2/24/2010	115608	14.11859621	2.479	35.00
2/25/2010	115266	14.11859621	2.479	35.00
2/26/2010	115514	14.11859621	2.479	35.00
2/28/2010	115792	14.11859621	2.479	35.00
Miles	1245	66.55909641		
	Pre-MPG	18.70518182		

Gas purchased Post Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
3/1/2010	116034	13.8999	2.518	35.00
3/3/2010	116279	13.8999	2.518	35.00
3/4/2010	116551	13.8999	2.518	35.00
3/5/2010	116843	15.8856	2.518	40.00
3/7/2010	117353	15.8856	2.518	40.00
Miles	#VALUE!	73.4710		
	Less Last quantity	57.5854		
	Post-MPG	22.9051		
	MPG IMPROVEMENT	22.45%		



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TEST VEHICLE 4

**Cab 735
Ford WINDSTAR**

**Vehicle Test #4
CAB #735**

Gas purchased Pre-Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
2/22/2010	140644	12.1661721	2.359	28.70
2/24/2010	140835	10.2923014	2.429	25.00
2/25/2010	141176	12.2000813	2.459	30.00
2/26/2010	141294	9.75599837	2.459	23.99
2/27/2010	141515	10.1667344	2.459	25.00
3/1/2010	141735	11.2850752	2.459	27.75
Miles	1091	Gallons	65.8663629	
		MPG	16.5638416	

Gas purchased Post Product

Date	Meter Reading	Quantity	Price per gallon	Total Purchase
3/3/2010	142073	17.1499	2.449	42.00
3/4/2010	142423	10.0830	2.479	25.00
3/5/2010	142557	10.1270	2.467	24.98
3/6/2010	142698	7.9080	2.529	20.00
3/7/2010	142864	9.7290	2.569	24.99
3/8/2010	143007	7.7860	2.569	20.00
3/9/2010	143164	10.3620	2.509	26.00
Miles	1091			
		Gallons	73.1449	
		Less Last quantity	62.7829	
		MPG	17.3774	
		MPG IMPROVEMENT	4.91%	
		FLEET MPG IMPROVEMENT	12.16%	



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Test Vehicle #1

Assumptions				
	Tank Capacity in Gallons			20
	Tanks of Gas Consumed			3.8
	Gallons of Gas Used			76
	EPA MPG Average City/Hwy			20.5
	Estimated miles per tank			337.5
	Cost per gallon			\$2.52
	Cost per tank			\$50.36
	Annual Cost of Cataclean			\$ 125.00
	Daily Cost of Cataclean			\$ 0.34
MPG Improvement				
% Improvement over EPA Measurement	Mileage Improvement over EPA Measurement	Total MPG after Cataclean Use	Additional Miles per Tank	Total Miles per Tank
10%	2.05	22.55	33.75	371.25
15%	3.075	23.575	50.625	388.13
21.12%	4.3296	24.8296	71.28	408.78
25%	5.125	25.625	84.375	421.88
Savings and Break Even Analysis				
% Improvement over EPA Measurement	Savings per Gallon	Savings per Tank	Estimated Weekly Savings	Estimated Annual Savings
10%	\$0.25	\$5.04	\$19.14	\$995.11
15%	\$0.38	\$7.55	\$28.71	\$1,492.67
21.12%	\$0.53	\$10.64	\$40.42	\$2,101.68
25%	\$0.63	\$12.59	\$47.84	\$2,487.78
% Improvement over EPA Measurement	Daily Cost of Cataclean	Savings per Gallon	Break even in days	
10%	\$0.342	\$0.37	0.93	
15%	\$0.342	\$0.56	0.61	
21.12%	\$0.342	\$0.74	0.46	
25%	\$0.342	\$0.93	0.37	
% Improvement over EPA Measurement	Annual Cost of Cataclean	Estimated Annual Savings	Break even in Days	
10%	\$ 125.00	\$865.80	53	
15%	\$ 125.00	\$ 1,298.70	35	
21.12%	\$ 125.00	\$ 1,731.60	26	
25%	\$ 125.00	\$ 2,164.50	21	

Test Vehicle #2

Assumptions				
	Tank Capacity in Gallons			20
	Tanks of Gas Consumed			2.17
	Gallons of Gas Used			43.4
	EPA MPG Average City/Hwy			17.5
	Estimated miles per tank			337.5
	Cost per gallon			\$2.68
	Cost per tank			\$53.60
	Annual Cost of Cataclean			\$ 125.00
	Daily Cost of Cataclean			\$ 0.34
MPG Improvement				
% Improvement over EPA Measurement	Mileage Improvement over EPA Measurement	Total MPG after Cataclean Use	Additional Miles per Tank	Total Miles per Tank
10%	1.75	19.25	33.75	371.25
15%	2.625	20.125	50.625	388.13
20%	3.5	21	67.5	405.00
25%	4.375	21.875	84.375	421.88
Savings and Break Even Analysis				
% Improvement over EPA Measurement	Savings per Gallon	Savings per Tank	Estimated Weekly Savings	Estimated Annual Savings
10%	\$0.27	\$5.36	\$11.63	\$604.82
15%	\$0.40	\$8.04	\$17.45	\$907.23
20%	\$0.54	\$10.72	\$23.26	\$1,209.64
25%	\$0.67	\$13.40	\$29.08	\$1,512.06
% Improvement over EPA Measurement	Daily Cost of Cataclean	Savings per Gallon	Break even in days	
10%	\$0.342	\$0.37	0.93	
15%	\$0.342	\$0.56	0.61	
20%	\$0.342	\$0.74	0.46	
25%	\$0.342	\$0.93	0.37	
% Improvement over EPA Measurement	Annual Cost of Cataclean	Estimated Annual Savings	Break even in Days	
10%	\$ 125.00	\$865.80	53	
15%	\$ 125.00	\$ 1,298.70	35	
20%	\$ 125.00	\$ 1,731.60	26	
25%	\$ 125.00	\$ 2,164.50	21	



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Test Vehicle #3

Assumptions				
	Tank Capacity in Gallons		20	
	Tanks of Gas Consumed		3.3	
	Gallons of Gas Used		66	
	EPA MPG Average City/Hwy		17.5	
	Estimated miles per tank		337.5	
	Cost per gallon		\$2.52	
	Cost per tank		\$50.40	
	Annual Cost of Cataclean		\$ 125.00	
	Daily Cost of Cataclean		\$ 0.34	
MPG Improvement				
% Improvement over EPA Measurement	Mileage Improvement over EPA Measurement	Total MPG after Cataclean Use	Additional Miles per Tank	Total Miles per Tank
10%	1.75	19.25	33.75	371.25
15%	2.625	20.125	50.625	388.13
22.45%	3.92875	21.42875	75.76875	413.27
25%	4.375	21.875	84.375	421.88
Savings and Break Even Analysis				
% Improvement over EPA Measurement	Savings per Gallon	Savings per Tank	Estimated Weekly Savings	Estimated Annual Savings
10%	\$0.25	\$5.04	\$16.63	\$864.86
15%	\$0.38	\$7.56	\$24.95	\$1,297.30
22.45%	\$0.57	\$11.31	\$37.34	\$1,941.62
25%	\$0.63	\$12.60	\$41.58	\$2,162.16
% Improvement over EPA Measurement	Daily Cost of Cataclean	Savings per Gallon	Break even in days	
10%	\$0.342	\$0.37	0.93	
15%	\$0.342	\$0.56	0.61	
22.45%	\$0.342	\$0.74	0.46	
25%	\$0.342	\$0.93	0.37	
% Improvement over EPA Measurement	Annual Cost of Cataclean	Estimated Annual Savings	Break even in Days	
10%	\$ 125.00	\$865.80	53	
15%	\$ 125.00	\$ 1,298.70	35	
22.45%	\$ 125.00	\$ 1,731.60	26	
25%	\$ 125.00	\$ 2,164.50	21	

Test Vehicle #4

Assumptions				
	Tank Capacity in Gallons		20	
	Tanks of Gas Consumed		3.65	
	Gallons of Gas Used		73	
	EPA MPG Average City/Hwy		21	
	Estimated miles per tank		337.5	
	Cost per gallon		\$2.51	
	Cost per tank		\$50.20	
	Annual Cost of Cataclean		\$ 125.00	
	Daily Cost of Cataclean		\$ 0.34	
MPG Improvement				
% Improvement over EPA Measurement	Mileage Improvement over EPA Measurement	Total MPG after Cataclean Use	Additional Miles per Tank	Total Miles per Tank
4.91%	1.0311	22.0311	16.57125	354.07
15%	3.15	24.15	50.625	388.13
20%	4.2	25.2	67.5	405.00
25%	5.25	26.25	84.375	421.88
Savings and Break Even Analysis				
% Improvement over EPA Measurement	Savings per Gallon	Savings per Tank	Estimated Weekly Savings	Estimated Annual Savings
4.91%	\$0.12	\$2.46	\$9.00	\$467.82
15%	\$0.38	\$7.53	\$27.48	\$1,429.19
20%	\$0.50	\$10.04	\$36.65	\$1,905.59
25%	\$0.63	\$12.55	\$45.81	\$2,381.99
% Improvement over EPA Measurement	Daily Cost of Cataclean	Savings per Gallon	Break even in days	
4.91%	\$0.342	\$0.37	0.93	
15%	\$0.342	\$0.56	0.61	
20%	\$0.342	\$0.74	0.46	
25%	\$0.342	\$0.93	0.37	
% Improvement over EPA Measurement	Annual Cost of Cataclean	Estimated Annual Savings	Break even in Days	
4.91%	\$ 125.00	\$865.80	53	
15%	\$ 125.00	\$ 1,298.70	35	
20%	\$ 125.00	\$ 1,731.60	26	
25%	\$ 125.00	\$ 2,164.50	21	



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Vehicle Model: Ford Crown Victoria – Police Interceptor
 Use: Private Fleet Vehicle – Taxi, Colorado Tag# 583 RVV
 VIN #: 2FAHP71W15X140115
 Fuel: Gasoline
 Mileage: 198,489

Test Equipment Used: 2009 Ferret Gas Link II,
 5 gas emissions analyzer
 Client: Metro Taxi, Denver Colorado – Witness – Luis Portillo, Metro Taxi



TEST RESULTS	HC (PPM)	CO %	HC+/-	CO+/-
Low Idle W/O Cataclean	106	0.14		
Low Idle With Cataclean	8	0.03	-92%	-78%
High Idle W/O Cataclean	110	0.23		
High Idle With Cataclean	14	0.04	-87%	-82%

Declaration of Witness

I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: Luis Portillo Title: Inspector Bay Date: 11/5/09

1

CATACLEAN

Emissions Testing

Date: October 29th 2009

Testing Requested by: Metro Taxi – National Taxi, Limousine, Para-Transit Association

Location: Metro Taxi – 5909 East 36th Avenue, Denver CO 80207

Cataclean Representative: Gregory Gannon

Metro Taxi Representative: Luis Portillo

Vehicle Make: Ford

Vehicle Model: Crown Victoria

Vehicle Mileage: 198,489

Vehicle VIN#: 2FAHP71W15X140115

Testing Notes

Colorado Tag# 583 RVV

Ins: 1/19

Pre – Emissions Readings		Post – Emissions Readings	
	Idle 2,500RPM		Idle 2,500RPM
HC	<u>106</u> <u>110</u>	HC	<u>8</u> <u>14</u>
CO	<u>0.14</u> <u>0.23</u>	CO	<u>0.03</u> <u>0.04</u>
CO2	<u>14.7</u> <u>15.0</u>	CO2	<u>14.4</u> <u>15.7</u>
O2	<u>0.0</u> <u>0.3</u>	O2	<u>0.6</u> <u>0.3</u>
NOX	<u>NOx/NOx</u> <u>NOx/NOx</u>	NOX	<u>NOx/NOx</u> <u>NOx/NOx</u>

Declaration of Witness

I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: Luis Portillo Title: Inspector Bay Date: 11/5/09



Vehicle Model: Ford Crown Victoria – Police Interceptor
 Use: Private Fleet Vehicle - Taxi
 VIN #: 2FAHP71W14X106609, Colorado Tag #886 RHT
 Fuel: Gasoline
 Mileage: 247,070

Test Equipment Used: 2009 Ferret Gas Link II,
 5 gas emissions analyzer
 Client: Metro Taxi, Denver Colorado – Witness – Luis Portillo
 and Jose Alier, Metro Taxi



TEST RESULTS	HC (PPM)	CO %	HC+/-	CO+/-
Low Idle W/O Cataclean	131	0.03		
Low Idle With Cataclean	69	0.02	-47%	-33%
High Idle W/O Cataclean	86	0.54		
High Idle With Cataclean	64	0.39	-25%	-27%

Declaration of Witness

I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: Jose Alier Title: inspector bay Date: 11/5/09

#3

CATACLEAN
 Emissions Testing
 Date: October 20th 2009
 Testing Requested by: Metro Taxi – National Taxi, Limousine, Para-Transit Association
 Location: Metro Taxi – 6909 East 38th Avenue, Denver CO 80207
 Cataclean Representative: Gregory Gannon
 Metro Taxi Representative: Luis Portillo
Jose Alier
 Vehicle Make: Ford
 Vehicle Model: Crown Victoria / Police Interceptor
 Vehicle Mileage: 247070
 Vehicle VIN#: 2FAHP71W14X106609

Testing Notes	
<u>Colorado Tag 886 RHT</u>	
<u>620 '09</u>	

Pre – Emissions Readings		Post – Emissions Readings	
Idle 2,500RPM		Idle 2,500RPM	
HC	<u>131</u>	HC	<u>69</u>
CO	<u>0.03</u> <u>0.54</u>	CO	<u>0.2</u> <u>0.39</u>
CO2	<u>14.4</u> <u>14.5</u>	CO2	<u>13.4</u> <u>13.3</u>
O2	<u>0.6</u> <u>0.2</u>	O2	<u>0.6</u> <u>0.3</u>
NOX	<u>N/A</u> <u>193</u>	NOX	<u>N/A</u> <u>7</u>

Declaration of Witness
 I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: Jose Alier Title: inspector bay Date: 11/5/09



Vehicle Model: Ford Crown Victoria – Police Interceptor
 Use: Private Fleet Vehicle - Taxi
 VIN #: 2FAFP71W75X151028, Colorado Tag # 184 SJS
 Fuel: Gasoline
 Mileage: 190,756

Test Equipment Used: 2009 Ferret Gas Link II,
 5 gas emissions analyzer
 Client: Metro Taxi, Denver Colorado – Witness – Jose Alier, Metro Taxi



<u>TEST RESULTS</u>	<u>HC (PPM)</u>	<u>CO %</u>	<u>HC+/-</u>	<u>CO+/-</u>
Low Idle W/O Cataclean	127	0.09		
Low Idle With Cataclean	17	0.06	-86%	-33%
High Idle W/O Cataclean	86	0.03		
High Idle With Cataclean	20	0.02	-76%	-33%

Declaration of Witness

I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: José Alier Title: inspection boy Date: 11/5/09

#4

CATACLEAN

Emissions Testing
 Date: October 28th 2009
 Testing Requested by: Metro Taxi – National Taxi, Limousine, Para-Transit Association
 Location: Metro Taxi – 5909 East 38th Avenue, Denver CO 80207
 Cataclean Representative: Gregory Gannon
 Metro Taxi Representative: Jose Alier

Testing Notes	
<u>Colorado Tag 184 SJS</u>	
<u>Fuel 1/4</u>	

Vehicle Make: Ford
 Vehicle Model: Crown Victoria
 Vehicle Mileage: 190,756
 Vehicle VIN#: 2FAFP71W75X151028

Pre – Emissions Readings			Post – Emissions Readings		
	Idle	2,600RPM		Idle	2,600RPM
HC	167	86	HC	17	60
CO	0.09	0.03	CO	0.06	0.04
CO2	14.1	16.3	CO2	14.4	14.5
O2	0.8	0.3	O2	0.5	0.2
NOX	119	48	NOX	119	272

Declaration of Witness
 I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: José Alier Title: inspection boy Date: 11/5/09



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Vehicle Model: 2007 Toyota Prius Hybrid
 Use: Private Fleet Vehicle - Taxi
 VIN #: JTDKB20U693467548, Colorado Tag # 367 SXE
 Fuel: Gasoline
 Mileage: 73,303

Test Equipment Used: 2009 Ferret Gas Link II,
 5 gas emissions analyzer
 Client: Metro Taxi, Denver Colorado – Witness – Jose Alier, Metro Taxi



TEST RESULTS	HC (PPM)	CO %	HC+/-	CO+/-
Low Idle W/O Cataclean	9	0.01		
Low Idle With Cataclean	2	0.00	-77%	-100%
High Idle W/O Cataclean	12	0.02		
High Idle With Cataclean	9	0.01	-25%	-50%

#5

CATACLEAN
 Emissions Testing

Date: October 29th 2009

Testing Requested by: Metro Taxi – National Taxi, Limousine, Para Transit Association

Location: Metro Taxi – 5808 East 38th Avenue, Denver CO 80207

Cataclean Representative: Gregory Gannon

Metro Taxi Representative: Jose Alier

Vehicle Make: Toyota

Vehicle Model: 2007 Prius Hybrid

Vehicle Mileage: 73,303

Vehicle VIN#: JTDKB20U693467548

Testing Notes
Carved by
's Tom

Pre – Emissions Readings		Post – Emissions Readings		
	Idle	2,500RPM	Idle	2,500RPM
HC	9	12	2	9
CO	0.01	0.02	0.00	0.01
CO2	19.8	14.5	19.9	14.6
O2	0.2	0.5	0.01	0.05
NOX	N/A	N/A	N/A	N/A

Declaration of Witness
 I certify that I was present and witness to the full emissions test for the above named vehicle. I also certify that I am not affiliated with Cataclean, under contract or being compensated for my time or participation as a witness by Cataclean. To the best of my knowledge, the attached emissions readings are accurate and true and the testing protocol as set forth by Cataclean was followed.

Name: [Signature] Title: inspector boy Date: 11/5/09

