



Date: 10/29/2008
 Name: G. Luffin
 Make/Model: 2004 Mercedes 320 CLK
 Mileage: 29,860
 Present MPG: 25.8

Present

	Idle - 1	2500 rpm	Idle - 2
HC	43ppm	22ppm	9ppm
CO	0.03%	0.80%	0.04%
CO2	14.00%	11.70%	11.50%
O2	0.20%	0.10%	0.20%
NOX	0ppm	24ppm	2ppm
AFR	14.81	14.73	14.79

Manufacturer's EPA MPG:

City	20 mpg
Hwy	26 mpg
Cumulative	23 mpg

VORTEX Fuel Optimizer

	Idle - 1	2500 rpm	Idle - 2
HC	35ppm	7ppm	0ppm
CO	0.04%	0.01%	0.20%
CO2	13.60%	14.20%	11.70%
O2	0.10%	0.20%	0.10%
NOX	0ppm	2ppm	0ppm
AFR	14.63	14.71	14.68

Retest Date

	Idle - 1	2500 rpm	Idle - 2
HC			
CO			
CO2			
O2			
NOX			
AFR			

Test results with Vortex Fuel Optimizer

City	26.6 mpg
Hwy	33.7 mpg [*]
Cumulative	30.3 mpg

^{*} Hwy test at 63 mph for 125 miles



Opposing magnets on each air intake