



Emissions Laboratory - Test Data Report

FTP75 Exhaust Emissions Test : Title 40 CFR Part 86.130

Test Number	6800	Vehicle Model	Malibu	Fuel Type	Gasoline
Date	4/5/2006	VIN	2408	Fuel ID	EPA-CFR

Phase 1 - Cold Transient	Distance	3.585 miles	Barometer	28.7 in Hg
	CVS Vmix	4942 SCF	Temperature	74.6 °F
	Dilution Factor	22.9	Wet Bulb Temp	59.1 °F
	NOx Corr	0.904	Humidity	39.5% Relative

	THC	CH ₄	NMHC	CO	NO _x	CO ₂ %		
Bag Sample	9.81	2.54	7.19	49.33	3.78	0.579		
Dilution Air Conc.	2.35	2.05	0.24	0.56	0.07	0.045		
Net	7.564	0.584	6.962	48.795	3.710	0.536	NMOG	
Mass (g)	0.610	0.055	0.562	7.951	0.897	1372.6	0.000	FE (mpg)
Mass (g/mi)	0.170	0.015	0.157	2.218	0.250	382.9	0.000	23.0

Phase 2 - Cold Stable	Distance	3.854 miles	Barometer	28.7 in Hg
	CVS Vmix	8477.6 SCF	Temperature	75.5 °F
	Dilution Factor	34.0	Wet Bulb Temp	59.6 °F
	NOx Corr	0.907	Humidity	38.9% Relative

	THC	CH ₄	NMHC	CO	NO _x	CO ₂ %		
Bag Sample	2.27	2.00	0.21	0.91	0.16	0.394		
Dilution Air Conc.	2.21	2.01	0.15	0.32	0.04	0.044		
Net	0.126	0.052	0.072	0.603	0.121	0.351	NMOG	
Mass (g)	0.017	0.008	0.010	0.169	0.050	1540.3	0.000	FE (mpg)
Mass (g/mi)	0.005	0.002	0.003	0.044	0.013	399.7	0.000	22.2

Phase 3 - Hot Transient	Distance	3.591 miles	Barometer	28.7 in Hg
	CVS Vmix	4936.2 SCF	Temperature	75.3 °F
	Dilution Factor	26.8	Wet Bulb Temp	59.5 °F
	NOx Corr	0.906	Humidity	39.1% Relative

	THC	CH ₄	NMHC	CO	NO _x	CO ₂ %		
Bag Sample	2.54	2.11	0.37	1.77	0.40	0.500		
Dilution Air Conc.	2.33	1.97	0.30	0.23	0.05	0.044		
Net	0.300	0.208	0.086	1.552	0.345	0.457	NMOG	
Mass (g)	0.024	0.019	0.007	0.253	0.084	1169.6	0.000	FE (mpg)
Mass (g/mi)	0.007	0.005	0.002	0.070	0.023	325.7	0.000	27.2

Weighted Composite	THC	CH ₄	NMHC	CO	NO _x	CO ₂	NMOG	FE (mpg)
Mass (g/mi)	0.039	0.006	0.034	0.50	0.07	376	0.000	23.6



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Highway Fuel Economy Test : Title 40 CFR Part 600.111

Test Number | 6801
Date | 4/5/2006

Vehicle Model | Malibu
VIN | 2408

Fuel Type | Gasoline
Fuel ID | EPA-CFR

Phase 1	Distance	10.256 miles	Barometer	28.7 in Hg
	CVS Vmix	7418.3 SCF	Temperature	75.7 °F
	Dilution Factor	21.1	Wet Bulb Temp	59.5 °F
	NOx Corr	0.904	Humidity	38.1% Relative

	THC	CH ₄	NMHC	CO	NO _x	CO ₂ %		
Bag Sample	2.65	2.13	0.46	6.59	2.02	0.635		
Dilution Air Conc.	2.28	1.94	0.28	0.20	0.08	0.042		
Net	0.485	0.289	0.188	6.407	1.946	0.594	NMOG	
Mass (g)	0.059	0.040	0.023	1.567	0.706	2284.6	0.000	FE (mpg)
Mass (g/mi)	0.006	0.004	0.002	0.153	0.069	222.8	0.000	39.8