

Case 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	5.050	42.91	0.431	1.2495	3.249	
Std Dev	0.02724	0.02495	0.05155	0.00461	0.00939	
Element	3.370	0.19	0.080	0.0814	2.403	
Std Dev	0.03032	0.03132	0.05946	0.00396	0.00728	
Test Conc.	1.995	42.74	0.358	1.1757	1.071	
ams/ph.	0.142	6.117	0.073	2645.823	{ 0.066}	34.268
ams/mi	0.014	0.595	0.007	257.570	{ 0.006}	

Test Info	Times Info
Baro (inHg) = 30.26	Phase Start = 11:25:30
Temp (°F) = 68.9	Phase Finish = 11:38:15
Tdew (°F) = 43.4	Analysis End = 11:44:05
AHum (gr/lb) = 40.8	Elapsed (sec) = 765.0
NOX Factor = 0.8617	Bag Anl (sec) = 350.2
Vmix(ft3 20 °C) = 4342.65	Drv Err (sec) = 0.0
Dilu. Factor = 10.683	
SAO P (mmHg) = 766.2	
SAO T (°F) = 70.98	
SAO V(ft3 20 °C) = 3948.9	
Dist (mi) = 10.272	

Case 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	4.104	23.92	0.297	0.8977	2.776	
Std Dev	0.02879	0.05435	0.03275	0.00910	0.00744	
Element	3.336	0.15	0.057	0.0798	2.355	
Std Dev	0.03465	0.02952	0.04034	0.00394	0.00867	
Test Conc.	0.992	23.78	0.243	0.8233	0.579	
ams/ph.	0.047	2.267	0.032	1234.057	{ 0.020}	25.576
ams/mi	0.013	0.635	0.009	345.382	{ 0.005}	

Test Info	Times Info
Baro (inHg) = 30.23	Phase Start = 11:38:15
Temp (°F) = 68.9	Phase Finish = 11:46:40
Tdew (°F) = 40.9	Analysis End = 11:52:30
AHum (gr/lb) = 37.2	Elapsed (sec) = 504.9
NOX Factor = 0.8491	Bag Anl (sec) = 349.9
Vmix(ft3 20 °C) = 2892.52	Drv Err (sec) = 0.0
Dilu. Factor = 14.880	
SAO P (mmHg) = 766.2	
SAO T (°F) = 72.85	
SAO V(ft3 20 °C) = 2709.3	
Dist (mi) = 3.573	

Case 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	3.287	5.16	0.068	0.6664	2.336	
Std Dev	0.03176	0.01609	0.04031	0.00422	0.00885	
Element	3.303	0.18	0.051	0.0784	2.313	
Std Dev	0.03034	0.03667	0.04292	0.00473	0.00760	
Test Conc.	0.149	4.99	0.020	0.5918	0.138	
ams/ph.	0.012	0.827	0.005	1541.419	{ 0.001}	22.003
ams/mi	0.003	0.216	0.001	402.311	{ 0.000}	

Test Info	Times Info
Baro (inHg) = 30.21	Phase Start = 11:46:40
Temp (°F) = 68.9	Phase Finish = 12:01:09
Tdew (°F) = 39.3	Analysis End = 12:06:59
AHum (gr/lb) = 34.8	Elapsed (sec) = 869.0
NOX Factor = 0.8413	Bag Anl (sec) = 349.6
Vmix(ft3 20 °C) = 5025.98	Drv Err (sec) = 0.0
Dilu. Factor = 20.083	
SAO P (mmHg) = 766.1	
SAO T (°F) = 73.18	
SAO V(ft3 20 °C) = 4795.3	
Dist (mi) = 3.831	

Results	THC	CO	NOX	CO2	CH4	FE (mpg)
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Avg Test Info
Baro (inHg) = 30.23
Temp (°F) = 68.9
Tdew (°F) = 41.1
AHum (gr/lb) = 37.5
NOX Factor = 0.8503

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.729	46.01	0.684	1.2109	2.867	
Std Dev	0.02351	0.02725	0.03987	0.00668	0.00766	
Ambient	2.797	0.04	0.075	0.0662	1.963	
Std Dev	0.03507	0.02677	0.03957	0.00323	0.00676	
Net Conc.	2.185	45.97	0.615	1.1507	1.082	
Grams/ph.	0.155	6.568	0.120	2584.850	(0.078)	35.031
Grams/mi	0.015	0.640	0.012	251.866	(0.008)	

Test Info	Times Info
Baro (inHg) = 30.17	Phase Start = 12:34:57
Temp (°F) = 71.4	Phase Finish = 12:47:42
Tdew (°F) = 36.4	Analysis End = 12:53:33
Ahum(gr/lb) = 31.1	Elapsed (sec) = 765.0
NOX Factor = 0.8291	Bag Anl (sec) = 350.3
Vmix(ft3 20 °C)= 4334.88	Drv Err (sec) = 0.0
Dilu. Factor = 11.020	
SAO P (mmHg) = 766.2	
SAO T (°F) = 74.20	
SAO V(ft3 20 °C)= 3953.3	
Dist (mi) = 10.263	

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.348	23.05	0.390	0.8847	2.247	
Std Dev	0.02356	0.01113	0.03415	0.00564	0.00854	
Ambient	2.698	-0.01	0.050	0.0639	1.866	
Std Dev	0.02247	0.02562	0.04777	0.00423	0.00931	
Net Conc.	0.828	23.06	0.343	0.8250	0.505	
Grams/ph.	0.039	2.194	0.044	1234.179	(0.015)	25.674
Grams/mi	0.011	0.612	0.012	344.098	(0.004)	

Test Info	Times Info
Baro (inHg) = 30.16	Phase Start = 12:47:42
Temp (°F) = 72.4	Phase Finish = 12:56:07
Tdew (°F) = 35.3	Analysis End = 13:01:57
Ahum(gr/lb) = 29.7	Elapsed (sec) = 504.8
NOX Factor = 0.8245	Bag Anl (sec) = 350.1
Vmix(ft3 20 °C)= 2886.94	Drv Err (sec) = 0.0
Dilu. Factor = 15.102	
SAO P (mmHg) = 766.2	
SAO T (°F) = 74.87	
SAO V(ft3 20 °C)= 2709.3	
Dist (mi) = 3.587	

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.642	6.50	0.080	0.6498	1.842	
Std Dev	0.01774	0.03957	0.06244	0.00644	0.00812	
Ambient	2.610	0.09	0.053	0.0615	1.796	
Std Dev	0.02289	0.07780	0.03002	0.00408	0.01017	
Net Conc.	0.158	6.42	0.030	0.5913	0.133	
Grams/ph.	0.013	1.062	0.007	1537.295	(0.002)	22.204
Grams/mi	0.003	0.275	0.002	398.588	(0.001)	

Test Info	Times Info
Baro (inHg) = 30.14	Phase Start = 12:56:07
Temp (°F) = 72.9	Phase Finish = 13:10:36
Tdew (°F) = 34.5	Analysis End = 13:16:26
Ahum(gr/lb) = 28.7	Elapsed (sec) = 869.0
NOX Factor = 0.8215	Bag Anl (sec) = 349.5
Vmix(ft3 20 °C)= 5017.16	Drv Err (sec) = 0.0
Dilu. Factor = 20.593	
SAO P (mmHg) = 766.1	
SAO T (°F) = 74.22	
SAO V(ft3 20 °C)= 4795.6	
Dist (mi) = 3.857	

Results	THC	CO	NOX	CO2	CH4	FE(mpg)
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Avg Test Info
Baro (inHg) = 30.16
Temp (°F) = 72.2
Tdew (°F) = 35.4
Ahum(gr/lb) = 29.8
NOX Factor = 0.8249

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.668	52.18	0.815	1.2368	2.802	
Std Dev	0.03221	0.04066	0.04651	0.00753	0.00914	
Ambient	2.535	0.03	0.050	0.0583	1.774	
Std Dev	0.01748	0.06116	0.07770	0.00596	0.00941	
Net Conc.	2.369	52.15	0.769	1.1839	1.193	
Grams/ph.	0.167	7.424	0.148	2649.716	(0.083)	34.186
Grams/mi	0.016	0.723	0.014	257.983	(0.008)	

Test Info		Times Info	
Baro (inHg)	= 30.10	Phase Start	= 14:02:27
Temp (°F)	= 72.6	Phase Finish	= 14:15:12
Tdew (°F)	= 35.4	Analysis End	= 14:21:03
Ahum (gr/lb)	= 29.9	Elapsed (sec)	= 765.0
NOX Factor	= 0.8251	Bag Anl (sec)	= 350.3
Vmix(ft3 20 °C)	= 4318.98	Drv Err (sec)	= 0.0
Dilu. Factor	= 10.785		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 75.27		
SAO V(ft3 20 °C)	= 3938.1		
Dist (mi)	= 10.271		

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.328	23.95	0.356	0.8652	2.194	
Std Dev	0.02636	0.02187	0.03393	0.00494	0.00906	
Ambient	2.546	-0.09	0.046	0.0581	1.770	
Std Dev	0.02862	0.04279	0.03902	0.00499	0.01119	
Net Conc.	0.947	24.03	0.312	0.8108	0.539	
Grams/ph.	0.045	2.280	0.040	1209.528	(0.019)	26.099
Grams/mi	0.012	0.638	0.011	338.435	(0.005)	

Test Info		Times Info	
Baro (inHg)	= 30.08	Phase Start	= 14:15:12
Temp (°F)	= 73.8	Phase Finish	= 14:23:37
Tdew (°F)	= 34.5	Analysis End	= 14:29:27
Ahum (gr/lb)	= 28.8	Elapsed (sec)	= 504.8
NOX Factor	= 0.8218	Bag Anl (sec)	= 350.0
Vmix(ft3 20 °C)	= 2878.68	Drv Err (sec)	= 0.0
Dilu. Factor	= 15.439		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 76.03		
SAO V(ft3 20 °C)	= 2710.0		
Dist (mi)	= 3.574		

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.670	7.40	0.063	0.6396	1.875	
Std Dev	0.02553	0.08164	0.02580	0.00489	0.00819	
Ambient	2.647	0.31	0.062	0.0585	1.838	
Std Dev	0.02492	0.02069	0.03360	0.00456	0.00890	
Net Conc.	0.149	7.10	0.004	0.5840	0.124	
Grams/ph.	0.012	1.171	0.001	1512.771	(0.002)	22.538
Grams/mi	0.003	0.304	0.000	392.623	(0.001)	

Test Info		Times Info	
Baro (inHg)	= 30.06	Phase Start	= 14:23:37
Temp (°F)	= 74.2	Phase Finish	= 14:38:06
Tdew (°F)	= 34.0	Analysis End	= 14:43:56
Ahum (gr/lb)	= 28.3	Elapsed (sec)	= 869.0
NOX Factor	= 0.8201	Bag Anl (sec)	= 349.5
Vmix(ft3 20 °C)	= 4999.14	Drv Err (sec)	= 0.0
Dilu. Factor	= 20.917		
SAO P (mmHg)	= 766.1		
SAO T (°F)	= 75.79		
SAO V(ft3 20 °C)	= 4790.6		
Dist (mi)	= 3.853		

Results	THC	CO	NOX	CO2	CH4	FE(mpg)
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Avg Test Info	
Baro (inHg)	= 30.08
Temp (°F)	= 73.5
Tdew (°F)	= 34.6
Ahum (gr/lb)	= 29.0
NOX Factor	= 0.8223

Legend: * Non-methane HC indicated in ()