Preliminary & Confidential Results for the Initial 11-Vehicle Sub-Fleet

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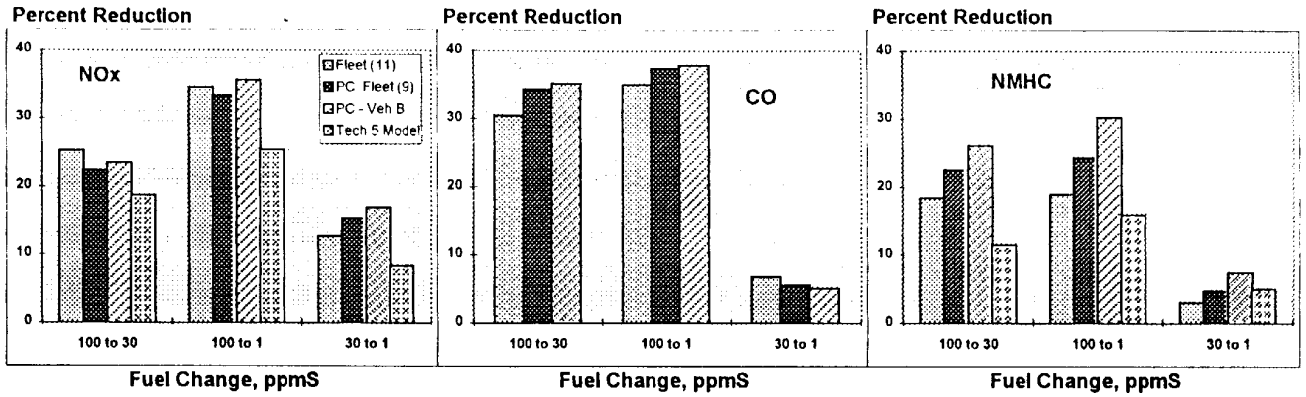

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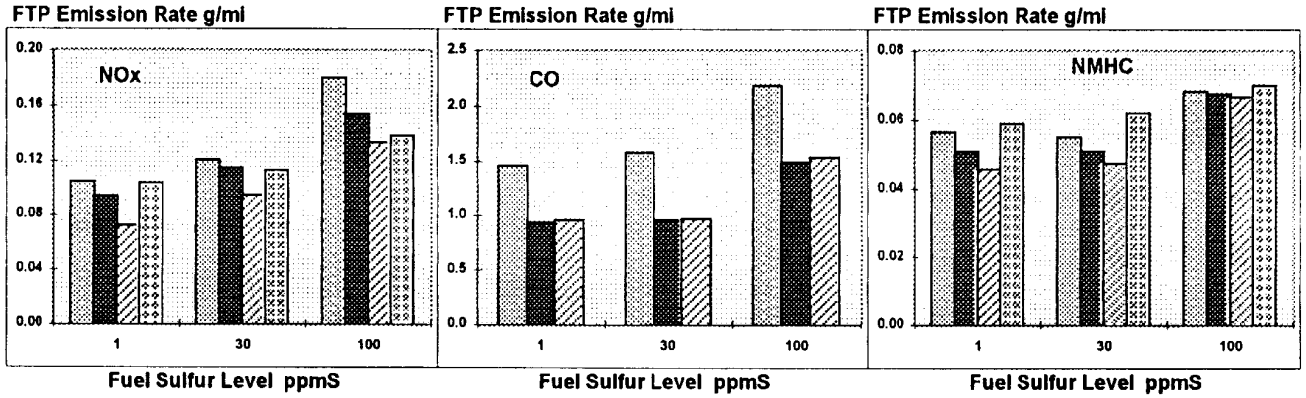

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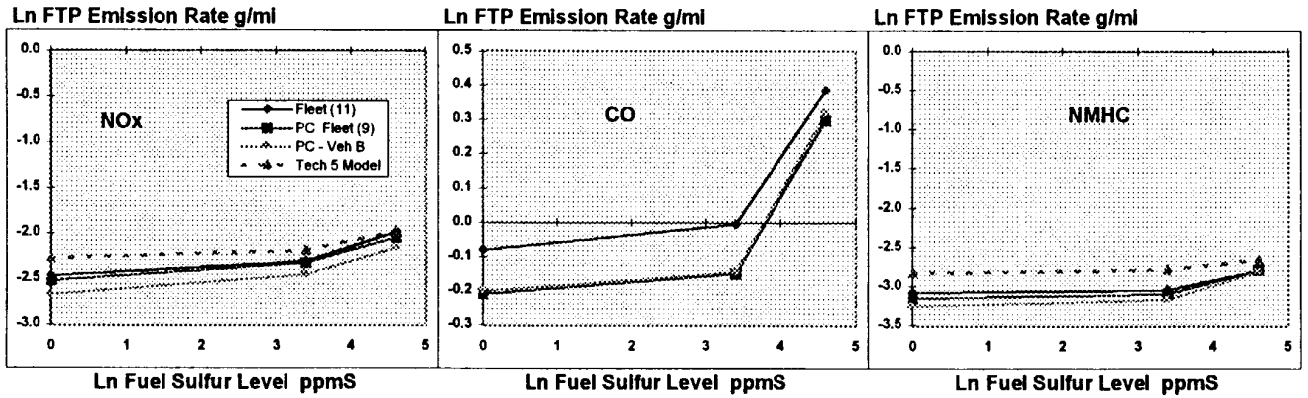

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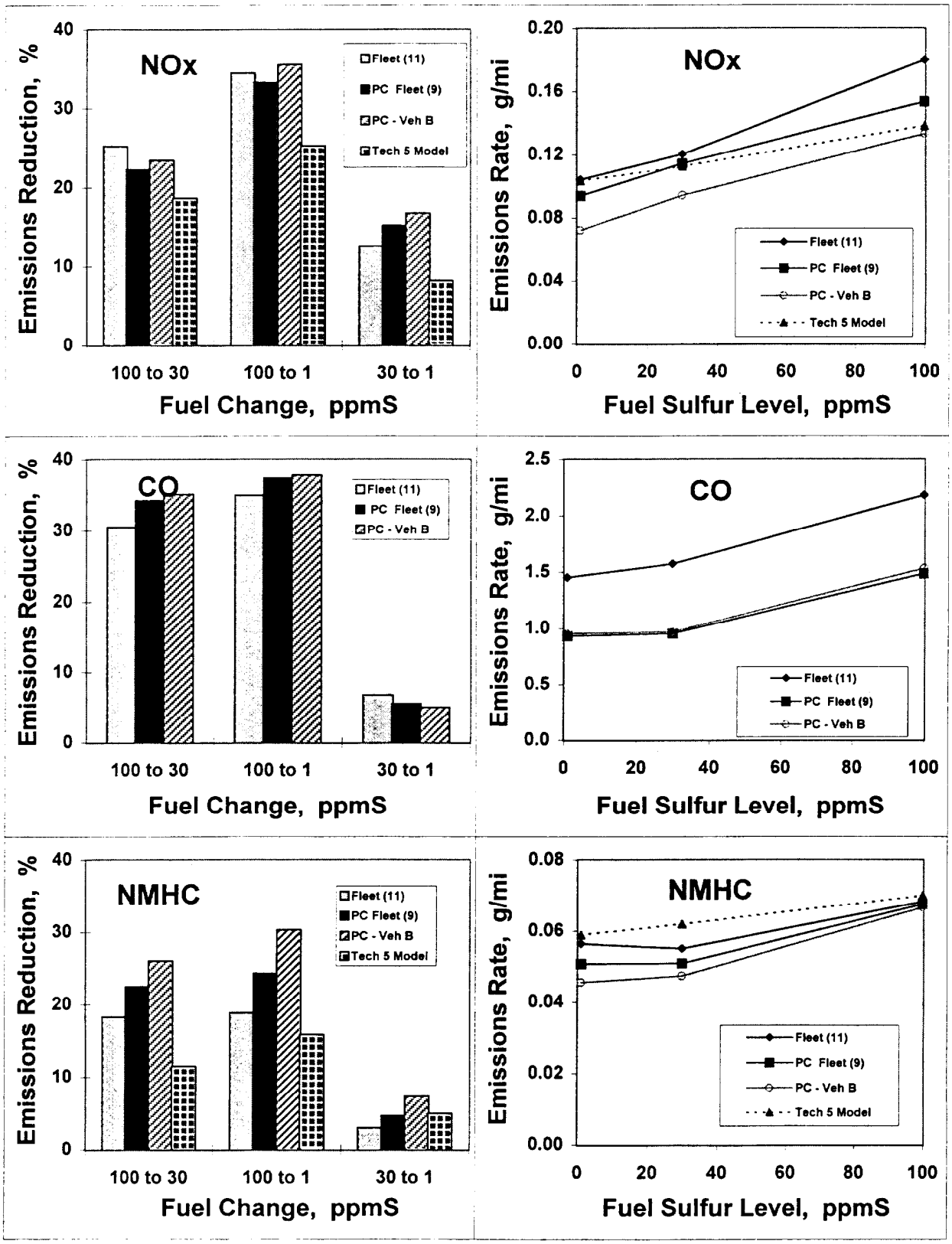
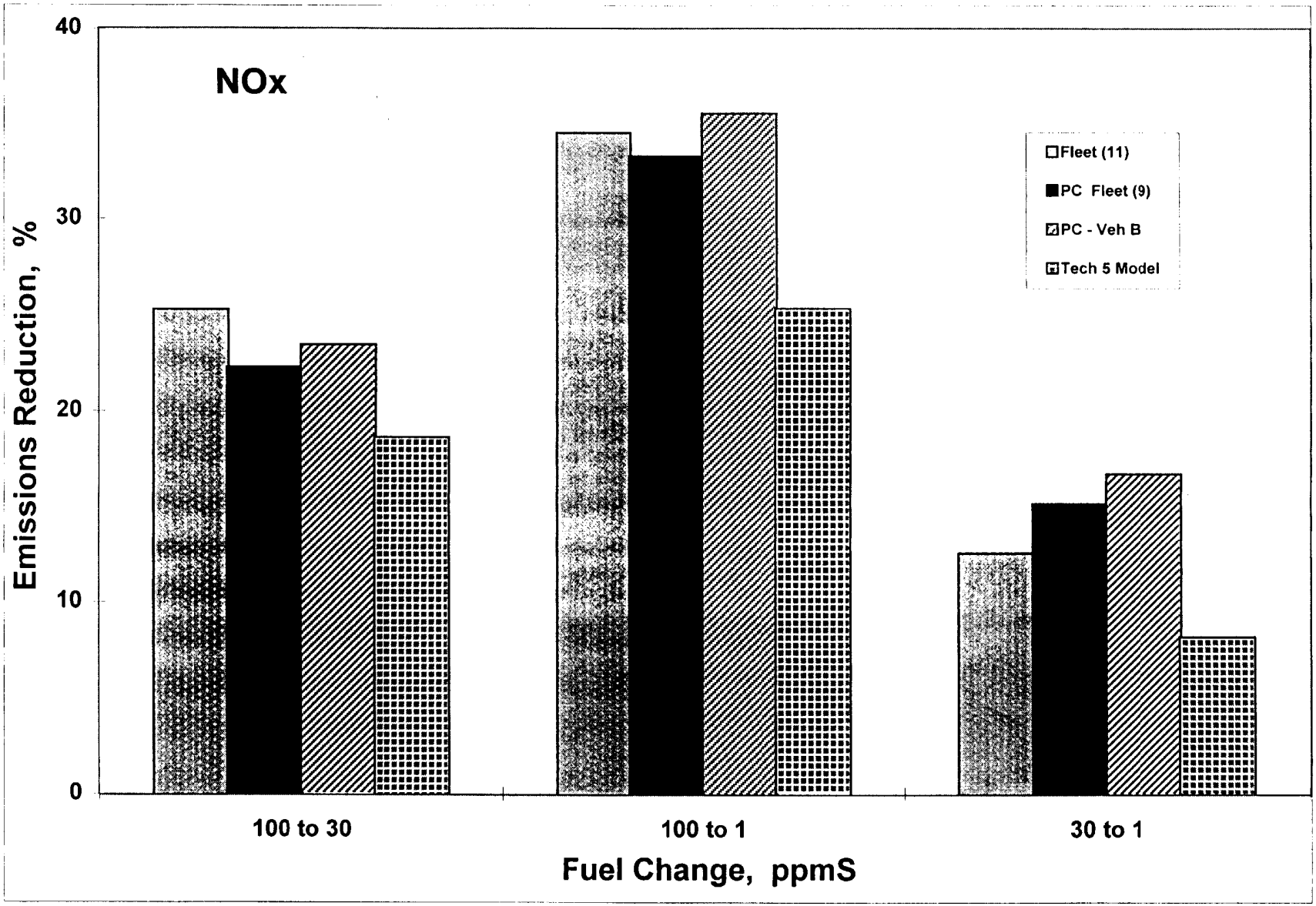
Preliminary & Confidential Data, 11/12/1999


NOx
Emissions Reduction, %
Fleet (11)
PC Fleet (9)
PC - Veh B
Tech 5 Model
100 to 30
100 to 1
30 to 1
Fuel Change, ppmS
NOx
Emissions Rate, g/mi
Fuel Sulfur Level, ppmS
CO
Emissions Reduction, %
Fuel Change, ppmS
CO
Emissions Rate, g/mi
Fuel Sulfur Level, ppmS
NMHC
Emissions Reduction, %
Fuel Change, ppmS
NMHC
Emissions Rate, g/mi
Fuel Sulfur Level, ppmS


NOx
Emissions Reduction, %
40
30
20
10
0
Fleet (11)
PC Fleet (9)
PC - Veh B
Tech 5 Model
100 to 30
100 to 1
30 to 1
Fuel Change, ppmS

Clean Burning Fuel - Phase 3 Fuel Sulfur Study

Individual Test Data								
Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC g/mi	CO g/mi	NOx g/mi
A	1	TLEV	MDV2	T	1	0.1180	7.0430	0.2430
A	1	TLEV	MDV2	T	1	0.1660	7.4380	0.2670
A	1	TLEV	MDV2	T	1	0.1200	7.1140	0.2600
A	30	TLEV	MDV2	T	1	0.1190	7.7270	0.2430
A	30	TLEV	MDV2	T	1	0.1120	8.4820	0.2360
A	30	TLEV	MDV2	T	1	0.1180	8.6540	0.2570
A	100	TLEV	MDV2	T	1	0.0990	9.9290	0.5190
A	100	TLEV	MDV2	T	1	0.1030	9.7840	0.4970
A	100	TLEV	MDV2	T	1	0.1210	10.9690	0.5510
A	100	TLEV	MDV2	T	1	0.1190	9.9910	0.5730
B	1	LEV	LDV	PC	1	0.0860	0.6770	0.2780
B	1	LEV	LDV	PC	1	0.0960	0.7970	0.2490
B	1	LEV	LDV	PC	1	0.0960	0.7760	0.2790
B	30	LEV	LDV	PC	1	0.0820	0.7830	0.2950
B	30	LEV	LDV	PC	1	0.0820	0.8520	0.2770
B	30	LEV	LDV	PC	1	0.0740	0.8490	0.2560
B	100	LEV	LDV	PC	1	0.0770	1.0210	0.3300
B	100	LEV	LDV	PC	1	0.0720	1.1500	0.3070
B	100	LEV	LDV	PC	1	0.0760	1.2290	0.3130
D	1	LEV	LDV	PC	1	0.0268	0.9054	0.0652
D	1	LEV	LDV	PC	1	0.0285	0.8165	0.0654
D	1	LEV	LDV	PC	1	0.0273	0.8474	0.0683
D	1	LEV	LDV	PC	1	0.0289	0.8753	0.0762
D	1	LEV	LDV	PC	1	0.0282	0.8168	0.0674
D	30	LEV	LDV	PC	1	0.0306	0.8261	0.0881
D	30	LEV	LDV	PC	1	0.0313	0.8628	0.0778
D	30	LEV	LDV	PC	1	0.0298	0.8108	0.0774
D	30	LEV	LDV	PC	1	0.0299	0.7894	0.0984
D	30	LEV	LDV	PC	1	0.0295	0.6841	0.0938
D	100	LEV	LDV	PC	1	0.0326	0.9868	0.0891
D	100	LEV	LDV	PC	1	0.0309	0.9435	0.0943
D	100	LEV	LDV	PC	1	0.0344	1.2984	0.0982
D	100	LEV	LDV	PC	1	0.0346	1.0701	0.1089
D	100	LEV	LDV	PC	1	0.0332	1.0629	0.0955
E	1	P_LEV	LDV	.	1	0.0460	0.4430	0.0530
E	1	P_LEV	LDV	.	1	0.0430	0.5120	0.0470
E	1	P_LEV	LDV	.	1	0.0430	0.5210	0.0450
E	1	P_LEV	LDV	.	1	0.0440	0.5660	0.0520
E	1	P_LEV	LDV	.	1	0.0430	0.4850	0.0480
E	30	P_LEV	LDV	.	1	0.0499	0.6211	0.0574
E	30	P_LEV	LDV	.	1	0.0466	0.5329	0.0447
E	30	P_LEV	LDV	.	1	0.0492	0.5557	0.0436
E	30	P_LEV	LDV	.	1	0.0457	0.5611	0.0506
E	30	P_LEV	LDV	.	1	0.0460	0.5374	0.0575
E	100	P_LEV	LDV	.	1	0.0773	1.4080	0.0624
E	100	P_LEV	LDV	.	1	0.0802	1.4481	0.0464
E	100	P_LEV	LDV	.	1	0.0836	1.5486	0.0502
E	100	P_LEV	LDV	.	1	0.0783	1.4904	0.0553
E	100	P_LEV	LDV	.	1	0.0835	1.4988	0.0437
E	100	P_LEV	LDV	.	1	0.0873	1.5829	0.0528
E	100	P_LEV	LDV	.	1	0.0858	1.5273	0.0493
E	100	P_LEV	LDV	.	1	0.0828	1.4623	0.0566

Small-font data could be identified as extreme values.

Preliminary & Confidential Data, 5/3/2000

Individual Test Data								
Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC g/mi	CO g/mi	NOx g/mi
F	1	.	LDV	PC	1	0.0173	0.816	0.0458
F	1	.	LDV	PC	1	0.0228	0.915	0.0601
F	1	.	LDV	PC	1	0.0175	0.727	0.0779
F	1	.	LDV	PC	1	0.0189	0.984	0.0582
F	1	.	LDV	PC	1	0.0259	0.976	0.0531
F	1	.	LDV	PC	1	0.0206	0.944	0.0506
F	1	.	LDV	PC	1	0.0229	1.100	0.0525
F	1	.	LDV	PC	1	0.0199	0.804	0.0485
F	1	.	LDV	PC	1	0.0214	1.067	0.0527
F	1	.	LDV	PC	1	0.0156	0.816	0.0572
F	30	.	LDV	PC	1	0.0203	0.789	0.0486
F	30	.	LDV	PC	1	0.0190	0.726	0.0605
F	30	.	LDV	PC	1	0.0273	1.013	0.0570
F	30	.	LDV	PC	1	0.0294	1.096	0.0620
F	30	.	LDV	PC	1	0.0306	1.084	0.0466
F	30	.	LDV	PC	1	0.0322	1.542	0.0516
F	30	.	LDV	PC	1	0.0265	1.203	0.0510
F	30	.	LDV	PC	1	0.0281	0.937	0.0567
F	100	.	LDV	PC	1	0.0628	2.011	0.0910
F	100	.	LDV	PC	1	0.0895	2.557	0.0817
F	100	.	LDV	PC	1	0.0892	2.709	0.0945
F	100	.	LDV	PC	1	0.1064	2.692	0.1157
F	100	.	LDV	PC	1	0.0826	1.988	0.1228
F	100	.	LDV	PC	1	0.1056	2.491	0.1411
F	100	.	LDV	PC	1	0.1049	2.539	0.1440
F	100	.	LDV	PC	1	0.1095	2.712	0.1717
F	100	.	LDV	PC	1	0.0867	2.256	0.1207
F	100	.	LDV	PC	1	0.0901	2.217	0.1324
G	1	.	LDV	PC	1	0.0440	0.8660	0.0590
G	1	.	LDV	PC	1	0.0410	0.8390	0.0560
G	1	.	LDV	PC	1	0.0450	1.2050	0.0470
G	1	.	LDV	PC	1	0.0430	0.8500	0.0540
G	1	.	LDV	PC	1	0.0380	0.7420	0.0510
G	30	.	LDV	PC	1	0.0520	1.4270	0.0750
G	30	.	LDV	PC	1	0.0450	0.7820	0.0600
G	30	.	LDV	PC	1	0.0410	0.6810	0.0660
G	30	.	LDV	PC	1	0.0470	0.9100	0.0850
G	30	.	LDV	PC	1	0.0440	0.9360	0.0700
G	30	.	LDV	PC	1	0.0430	0.7550	0.0810
G	100	.	LDV	PC	1	0.0590	1.7440	0.1440
G	100	.	LDV	PC	1	0.0550	1.3850	0.1190
G	100	.	LDV	PC	1	0.0490	1.0710	0.1160
G	100	.	LDV	PC	1	0.0500	1.2340	0.0890
G	100	.	LDV	PC	1	0.0540	1.2610	0.1010
G	100	.	LDV	PC	1	0.0500	1.0120	0.0920
H	1	ULEV	LDV	PC	1	0.0410	0.5138	0.0933
H	1	ULEV	LDV	PC	1	0.0403	0.5486	0.1030
H	1	ULEV	LDV	PC	1	0.0434	0.6115	0.0978
H	30	ULEV	LDV	PC	1	0.0471	0.7558	0.1129
H	30	ULEV	LDV	PC	1	0.0458	0.6363	0.1289
H	30	ULEV	LDV	PC	1	0.0413	0.6521	0.1105
H	30	ULEV	LDV	PC	1	0.0457	0.7147	0.1187
H	100	ULEV	LDV	PC	1	0.0479	0.9532	0.1310
H	100	ULEV	LDV	PC	1	0.0494	0.8948	0.1356
H	100	ULEV	LDV	PC	1	0.0489	0.8845	0.1492

Small-font data could be identified as extreme values.

Preliminary & Confidential Data, 5/3/2000

Individual Test Data

Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC g/mi	CO g/mi	NOx g/mi
J	1	PULEV	LDV	T	1	0.0300	0.4050	0.0470
J	1	PULEV	LDV	T	1	0.0290	0.3710	0.0540
J	1	PULEV	LDV	T	1	0.0280	0.3510	0.0360
J	1	PULEV	LDV	T	1	0.0300	0.4030	0.0410
J	30	PULEV	LDV	T	1	0.0300	0.3750	0.0610
J	30	PULEV	LDV	T	1	0.0290	0.4190	0.0410
J	30	PULEV	LDV	T	1	0.0330	0.4920	0.0370
J	30	PULEV	LDV	T	1	0.0290	0.4180	0.0520
J	30	PULEV	LDV	T	1	0.0330	0.4290	0.0550
J	30	PULEV	LDV	T	1	0.0340	0.4630	0.0390
J	100	PULEV	LDV	T	1	0.0350	0.5260	0.0710
J	100	PULEV	LDV	T	1	0.0310	0.4510	0.0630
J	100	PULEV	LDV	T	1	0.0320	0.4680	0.0590
J	100	PULEV	LDV	T	1	0.0320	0.5200	0.0570
J	100	PULEV	LDV	T	1	0.0330	0.3990	0.0590
K	1	.	.	.	1	0.0420	0.9800	0.0580
K	1	.	.	.	1	0.0360	1.0420	0.0500
K	1	.	.	.	1	0.0460	1.0490	0.0650
K	30	.	.	.	1	0.0380	1.0180	0.0930
K	30	.	.	.	1	0.0470	1.0710	0.0700
K	30	.	.	.	1	0.0480	0.9280	0.0640
K	100	.	.	.	1	0.0620	1.7170	0.0980
K	100	.	.	.	1	0.0450	1.3610	0.0690
K	100	.	.	.	1	0.0500	1.2300	0.0830
K	100	.	.	.	1	0.0470	1.5170	0.0920
M	1	.	.	3800 V6	1	0.0208	0.4053	0.1150
M	1	.	.	3800 V6	1	0.0216	0.4118	0.1159
M	1	.	.	3800 V6	1	0.0187	0.3824	0.1212
M	1	.	.	3800 V6	1	0.0205	0.3612	0.0813
M	1	.	.	3800 V6	1	0.0277	0.4151	0.1040
M	30	.	.	3800 V6	1	0.0244	0.3480	0.1038
M	30	.	.	3800 V6	1	0.0198	0.4095	0.1118
M	30	.	.	3800 V6	1	0.0203	0.4666	0.1001
M	30	.	.	3800 V6	1	0.0238	0.5255	0.0888
M	30	.	.	3800 V6	1	0.0308	0.5545	0.0879
M	30	.	.	3800 V6	1	0.0195	0.4564	0.0843
M	100	.	.	3800 V6	1	0.0246	0.5764	0.1088
M	100	.	.	3800 V6	1	0.0591	0.6656	0.1108
M	100	.	.	3800 V6	1	0.0302	0.5836	0.0989
M	100	.	.	3800 V6	1	0.0335	0.6770	0.1392
M	100	.	.	3800 V6	1	0.0346	0.7158	0.1173
N	1	.	.	.	1	0.1303	2.8809	0.0974
N	1	.	.	.	1	0.1188	2.3462	0.0902
N	1	.	.	.	1	0.1167	2.2552	0.0806
N	1	.	.	.	1	0.1351	2.4962	0.0827
N	30	.	.	.	1	0.1118	2.2661	0.2041
N	30	.	.	.	1	0.1165	2.1905	0.1830
N	30	.	.	.	1	0.1219	2.4175	0.2125
N	100	.	.	.	1	0.1359	3.2700	0.3152
N	100	.	.	.	1	0.1357	3.0132	0.3429
N	100	.	.	.	1	0.1370	2.7358	0.3746
N	100	.	.	.	1	0.1336	2.9041	0.3494

Small, bold font data are statistically extreme values.

Preliminary & Confidential Data, 5/3/2000

Clean Burning Fuel - Phase 3 Fuel Sulfur Study

Multi-Test Average Emissions								
Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC g/mi	CO g/mi	NOx g/mi
A	1	TLEV	MDV2	T	3	0.1347	7.1983	0.2567
A	30	TLEV	MDV2	T	3	0.1163	8.2877	0.2453
A	100	TLEV	MDV2	T	4	0.1105	10.1683	0.5350
B	1	LEV	LDV	PC	3	0.0927	0.7500	0.2687
B	30	LEV	LDV	PC	3	0.0793	0.8280	0.2760
B	100	LEV	LDV	PC	3	0.0750	1.1333	0.3167
D	1	LEV	LDV	PC	5	0.0280	0.8523	0.0685
D	30	LEV	LDV	PC	5	0.0302	0.7946	0.0871
D	100	LEV	LDV	PC	5	0.0331	1.0723	0.0972
E	1	P_LEV	LDV	.	5	0.0438	0.5054	0.0490
E	30	P_LEV	LDV	.	5	0.0475	0.5616	0.0508
E	100	P_LEV	LDV	.	8	0.0823	1.4958	0.0521
F	1	.	LDV	PC	10	0.0203	0.9148	0.0557
F	30	.	LDV	PC	8	0.0267	1.0489	0.0543
F	100	.	LDV	PC	10	0.0927	2.4172	0.1216
G	1	.	LDV	PC	5	0.0422	0.9004	0.0534
G	30	.	LDV	PC	6	0.0453	0.9152	0.0728
G	100	.	LDV	PC	6	0.0528	1.2845	0.1102
H	1	ULEV	LDV	PC	3	0.0416	0.5580	0.0980
H	30	ULEV	LDV	PC	4	0.0450	0.6897	0.1177
H	100	ULEV	LDV	PC	3	0.0487	0.9108	0.1386
J	1	PULEV	LDV	T	4	0.0293	0.3825	0.0445
J	30	PULEV	LDV	T	6	0.0313	0.4327	0.0475
J	100	PULEV	LDV	T	5	0.0326	0.4728	0.0618
K	1	.	.	.	3	0.0413	1.0237	0.0577
K	30	.	.	.	3	0.0443	1.0057	0.0757
K	100	.	.	.	4	0.0510	1.4563	0.0855
M	1	.	.	3800 V6	5	0.0219	0.3952	0.1075
M	30	.	.	3800 V6	6	0.0231	0.4601	0.0961
M	100	.	.	3800 V6	5	0.0364	0.6437	0.1150
N	1	.	.	.	4	0.1252	2.4946	0.0877
N	30	.	.	.	3	0.1167	2.2914	0.1998
N	100	.	.	.	4	0.1355	2.9807	0.3455
PC Fleet	1	.	.	PC	43	0.0508	0.9327	0.0940
PC Fleet	30	.	.	PC	43	0.0509	0.9550	0.1145
PC Fleet	100	.	.	PC	48	0.0675	1.4883	0.1536
PC - Veh B	1	.	.	PC	40	0.0455	0.9555	0.0722
PC - Veh B	30	.	.	PC	40	0.0474	0.9709	0.0943
PC - Veh B	100	.	.	PC	45	0.0666	1.5327	0.1332
T Fleet	1	.	.	T	7	0.0820	3.7904	0.1506
T Fleet	30	.	.	T	9	0.0738	4.3602	0.1464
T Fleet	100	.	.	T	9	0.0716	5.3205	0.2984
Fleet	1	.	.	PC, T	50	0.0564	1.4523	0.1043
Fleet	30	.	.	PC, T	52	0.0551	1.5741	0.1203
Fleet	100	.	.	PC, T	57	0.0683	2.1851	0.1799

Preliminary & Confidential Data, 5/3/2000

Clean Burning Fuel - Phase 3 Fuel Sulfur Study

Emissions Percent Reduction Evaluation								
Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC % Reduction	CO % Reduction	NOx % Reduction
A	30 to 1	TLEV	MDV2	T	3	-15.76	13.14	-4.62
A	100 to 1	TLEV	MDV2	T	4	-21.87	29.21	52.02
A	100 to 30	TLEV	MDV2	T	4	-5.28	18.49	54.14
B	30 to 1	LEV	LDV	PC	3	-16.81	9.42	2.66
B	100 to 1	LEV	LDV	PC	3	-23.56	33.82	15.16
B	100 to 30	LEV	LDV	PC	3	-5.78	26.94	12.84
D	30 to 1	LEV	LDV	PC	5	7.49	-7.25	21.35
D	100 to 1	LEV	LDV	PC	5	15.64	20.52	29.53
D	100 to 30	LEV	LDV	PC	5	8.82	25.90	10.39
E	30 to 1	P_LEV	LDV	.	5	7.79	10.01	3.46
E	100 to 1	P_LEV	LDV	.	7	46.81	66.21	5.93
E	100 to 30	P_LEV	LDV	.	7	42.32	62.45	2.56
F	30 to 1	.	LDV	PC	9	23.97	12.78	-2.60
F	100 to 1	.	LDV	PC	10	78.13	62.15	54.21
F	100 to 30	.	LDV	PC	9	71.23	56.61	55.37
G	30 to 1	.	LDV	PC	6	6.91	1.61	26.68
G	100 to 1	.	LDV	PC	6	20.13	29.90	51.53
G	100 to 30	.	LDV	PC	6	14.20	28.75	33.89
H	30 to 1	ULEV	LDV	PC	4	7.55	19.10	16.74
H	100 to 1	ULEV	LDV	PC	3	14.70	38.74	29.27
H	100 to 30	ULEV	LDV	PC	4	7.72	24.28	15.05
J	30 to 1	PULEV	LDV	T	5	6.65	11.59	6.32
J	100 to 1	PULEV	LDV	T	5	10.28	19.10	27.99
J	100 to 30	PULEV	LDV	T	6	3.89	8.49	23.14
K	30 to 1	.	.	.	3	6.77	-1.79	23.79
K	100 to 1	.	.	.	4	18.95	29.71	32.55
K	100 to 30	.	.	.	4	13.07	30.94	11.50
M	30 to 1	.	.	3800 V6	6	5.39	14.11	-11.84
M	100 to 1	.	.	3800 V6	5	39.96	38.61	6.55
M	100 to 30	.	.	3800 V6	6	36.54	28.52	16.44
N	30 to 1	.	.	.	4	-7.27	-8.87	56.11
N	100 to 1	.	.	.	4	7.62	16.31	74.62
N	100 to 30	.	.	.	4	13.88	23.13	42.16
PC Fleet	100 to 30	.	.	PC	46	22.44	34.17	22.25
PC Fleet	100 to 1	.	.	PC	44	24.26	37.33	33.26
PC Fleet	30 to 1	.	.	PC	44	4.64	5.46	15.15
PC - Veh B	100 to 30	.	.	PC	43	25.97	35.07	23.42
PC - Veh B	100 to 1	.	.	PC	41	30.24	37.77	35.52
PC - Veh B	30 to 1	.	.	PC	41	7.32	4.96	16.71
T Fleet	100 to 30	.	.	T	9	-0.70	13.49	38.64
T Fleet	100 to 1	.	.	T	9	-5.80	24.15	40.01
T Fleet	30 to 1	.	.	T	8	-4.56	12.37	0.85
Fleet	100 to 30	.	.	PC, T	54	18.24	30.41	25.23
Fleet	100 to 1	.	.	PC, T	53	18.80	34.93	34.49
Fleet	30 to 1	.	.	PC, T	52	2.97	6.71	12.55

Negative values indicate increases with reduced fuel sulfur level.

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Clean Burning Fuel - Phase 3 Fuel Sulfur Study

Log Transformed Multi-Test Averages								
Vehicle Code	ln(Sulfur ppmS)	Emissions Class	Vehicle Class	Body Type	Count #	ln(NMHC g/mi)	ln(CO g/mi)	ln(NOx g/mi)
A	0.0000	TLEV	MDV2	T	3	-2.0050	1.9738	-1.3600
A	3.4012	TLEV	MDV2	T	3	-2.1513	2.1148	-1.4051
A	4.6052	TLEV	MDV2	T	4	-2.2027	2.3193	-0.6255
B	0.0000	LEV	LDV	PC	3	-2.3787	-0.2877	-1.3143
B	3.4012	LEV	LDV	PC	3	-2.5341	-0.1887	-1.2874
B	4.6052	LEV	LDV	PC	3	-2.5903	0.1252	-1.1499
D	0.0000	LEV	LDV	PC	5	-3.5773	-0.1598	-2.6809
D	3.4012	LEV	LDV	PC	5	-3.4994	-0.2299	-2.4407
D	4.6052	LEV	LDV	PC	5	-3.4071	0.0698	-2.3310
E	0.0000	P_LEV	LDV	.	5	-3.1281	-0.6824	-3.0159
E	3.4012	P_LEV	LDV	.	5	-3.0470	-0.5769	-2.9807
E	4.6052	P_LEV	LDV	.	8	-2.4968	0.4027	-2.9548
F	0.0000	.	LDV	PC	10	-3.8981	-0.0890	-2.8885
F	3.4012	.	LDV	PC	8	-3.6240	0.0477	-2.9142
F	4.6052	.	LDV	PC	10	-2.3781	0.8826	-2.1073
G	0.0000	.	LDV	PC	5	-3.1653	-0.1049	-2.9299
G	3.4012	.	LDV	PC	6	-3.0937	-0.0886	-2.6196
G	4.6052	.	LDV	PC	6	-2.9406	0.2504	-2.2058
H	0.0000	ULEV	LDV	PC	3	-3.1805	-0.5835	-2.3225
H	3.4012	ULEV	LDV	PC	4	-3.1020	-0.3715	-2.1394
H	4.6052	ULEV	LDV	PC	3	-3.0216	-0.0934	-1.9762
J	0.0000	PULEV	LDV	T	4	-3.5319	-0.9610	-3.1123
J	3.4012	PULEV	LDV	T	6	-3.4631	-0.8378	-3.0470
J	4.6052	PULEV	LDV	T	5	-3.4234	-0.7491	-2.7839
K	0.0000	.	.	.	3	-3.1861	0.0234	-2.8531
K	3.4012	.	.	.	3	-3.1160	0.0057	-2.5814
K	4.6052	.	.	.	4	-2.9759	0.3759	-2.4592
M	0.0000	.	.	3800 V6	5	-3.8233	-0.9285	-2.2304
M	3.4012	.	.	3800 V6	6	-3.7679	-0.7763	-2.3423
M	4.6052	.	.	3800 V6	5	-3.3131	-0.4406	-2.1627
N	0.0000	.	.	.	4	-2.0777	0.9141	-2.4338
N	3.4012	.	.	.	3	-2.1479	0.8291	-1.6102
N	4.6052	.	.	.	4	-1.9985	1.0922	-1.0627
PC Fleet	0.000	9	.	PC	43	-3.1572	-0.2109	-2.5188
PC Fleet	3.401	.	.	PC	43	-3.1036	-0.1499	-2.3240
PC Fleet	4.605	.	.	PC	48	-2.7913	0.2961	-2.0455
PC - Veh B	0.000	8	.	PC	40	-3.2546	-0.2013	-2.6694
PC - Veh B	3.401	.	.	PC	40	-3.1748	-0.1451	-2.4536
PC - Veh B	4.605	.	.	PC	45	-2.8165	0.3174	-2.1575
T Fleet	0.000	2	.	T	7	-2.7684	0.5064	-2.2361
T Fleet	3.401	.	.	T	9	-2.8072	0.6385	-2.2261
T Fleet	4.605	.	.	T	9	-2.8131	0.7851	-1.7047
Fleet	0.000	11	.	PC, T	50	-3.0865	-0.0805	-2.4674
Fleet	3.401	.	.	PC, T	52	-3.0497	-0.0066	-2.3062
Fleet	4.605	.	.	PC, T	57	-2.7953	0.3850	-1.9835

Vehicle Code	Sulfur ppmS	Emissions Class	Vehicle Class	Body Type	Count #	NMHC g/mi	CO g/mi	NOx g/mi
Tech 5	1	Model	.	.	.	0.0589	.	0.1033
Tech 5	30	Model	.	.	.	0.0619	.	0.1125
Tech 5	100	Model	.	.	.	0.0699	.	0.1383
Vehicle Code	**Sulfur ppmS**	**Emissions Class**	**Vehicle Class**	**Body Type**	**Count #**	**NMHC % Reduction**	**CO % Reduction**	**NOx % Reduction**
Tech 5	100 to 30	Model	.	.	.	11.44	.	18.63
Tech 5	100 to 1	Model	.	.	.	15.78	.	25.29
Tech 5	30 to 1	Model	.	.	.	4.91	.	8.18
Vehicle Code	**ln(Sulfur ppmS)**	**Emissions Class**	**Vehicle Class**	**Body Type**	**Count #**	**ln(NMHC g/mi)**	**ln(CO g/mi)**	**ln(NOx g/mi)**
Tech 5	0.000	Model	.	.	.	-2.8318	.	-2.2700
Tech 5	3.401	Model	.	.	.	-2.7815	.	-2.1846
Tech 5	4.605	Model	.	.	.	-2.6601	.	-1.9785

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