



## Evaluation of the ECO System Fuel Enhancer

Test: 20 emergency medical vehicles

Protocol: Capture data on all 20 from ECM

Install ECO unit on 10 units (don't tell drivers)

Continue running all 20 units as normal for 42 more days.

Results:

72% reduction in regens.

13% improvement in fuel economy.

Reduction in regens consistent with emissions reductions.



ECO Systems® Fuel Enhancer

ECO Fuel Systems, LLC  
(866) 374-0002

### Fleet Fuel/ Regen Data 10/28/14

### Final Download 12/15/14

Ecosystem unit						Final Download 12/15/14										
Unit #	Mileage	Hours	HSLR	GSLR	MSLR	Regen completed	Avg MPG	Reg/Dif.	Mileage	Hours	HSLR	GSLR	MSLR	Regen completed	Avg MPG	
70	211196	21751	9.9	9.5	44	1499	7.2	15.8	217042	22399	9.6	10.16	119	1540	9.4	
54	142092	14568	16.4	19.3	126	1066	7.5	25.1	15272	15272	1.8	1.8	13	1094	8.2	
38	199449	20288	9.7	5.8	43	126	8	16	206147	20976	9.6	13.9	127	169	8.5	
24	19773	2022	7.13	7.9	66	158	8.1	13.6	26682	2690	23.16	26.9	235	207	8.6	
26	159157	16385	8.3	9.5	101	1127	7	13.68	166025	17124	3	3.2	26	1181	8.1	
39	128011	12904	1.86	2.4	13	1189	6.6	11.74	134413	13585	0.6	0.5	1	1247	6.7	
58	148367	14999	1.02	1.3	15	1622	6.8	6.45	153908	15586	0.47	0.5	4	1713	7.9	
56	2096	74	11.86	11.6	98	14	8	17.7	6629	729	14.46	19.7	179	51	8.3	
29	151455	15524	1.5	1.1	11	1170	7.4	13.76	157168	16116	2.3	2.1	9	1213	7.6	
36	582	38	2.33	2.4	14	13	5.4	21.83	4213	431	11.87	11.9	165	31	8.1	
															AVG MPG 7.2	
															Average 15.5 Hour/ Regens	
															72% Reduction in Regens	
															AVG MPG 8.14	
															13% Increase in Fuel Economy	
Non-Ecosystem unit						Final Download 12/15/14										
Unit #	Mileage	Hours	HSLR	GSLR	MSLR	Regen completed	Avg MPG	Reg/Dif.	Mileage	Hours	HSLR	GSLR	MSLR	Regen completed	Avg MPG	
34	186449	19084	7.6	10	63	1178	6.8	0.96	191563	19594	6.9	9	99	1709	6.9	
60	119648	12225	2.11	2.1	6	1118	6.3	9.75	126489	12976	3.28	5.3	41	1195	6.7	
601	70320	4408	7.4	8.4	101	127	6	1.92	74120	4819	9.4	11.9	88	341	7.6	
37	233603	23947	7.6	7.1	78	1580	6.4	15.48	140525	24675	14.5	18.2	174	1627	6.4	
23	46156	4355	0.26	0.3	0	242	7.6	21.23	51568	4907	17.02	21.1	184	268	7.5	
55	147198	14880	1.97	2.4	28	1603	6.3	0.94	155711	15291	6.1	6.1	47	2037	7.5	
28	156821	16816	12.07	15.3	117	380	6.9	15.6	167771	16910	18	8	89	386	7.2	
57	194076	19839	2.5	3.2	29	1358	7.4	15.42	200664	20564	4.6	4	44	1405	7.5	
74	214243	21964	1.1	1.8	27	2301	7.1	7.5	220006	22586	3.6	5.8	87	2384	6.1	
31	157145	16132	9.22	15.8	135	124	7.2	1.27	163682	16859	1.9	2.1	12	695	7.1	
															AVG MPG 6.8	
															Average 9 Hour / Regens	
															AVG MPG 7.05	