

# ***ECO Fuel Systems, LLC***

*ECOFuelMax.com*

*(877) 374-0002*



**Diesel REGENERATION Report**

***ECO Fuel Filter/Enhancer***

**Med-Star EMS/Ambulance**

**Before and After**

***REGEN Reduction 72%***

***Fuel Savings 13%***

## Independent Test - 20 EMS Vehicles, 10 with ECO4's 10 without

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

### Final Download 12/15/14

#### EcoSystem unit

<u>Unit #</u>	<u>Mileage</u>	<u>Hours</u>	<u>HSLR</u>	<u>GSLR</u>	<u>MSLR</u>	<u>Regen completed</u>	<u>Avg MPG</u>	<u>Reg/Dif.</u>	<u>Mileage</u>	<u>Hours</u>	<u>HSLR</u>	<u>GSLR</u>	<u>MSLR</u>
70	211196	21751	9.9	9.5	44	1499	7.2	<b>15.8</b>	217042	22399	9.6	10.16	119
54	142092	14568	16.4	19.3	126	1066	7.5	<b>25.1</b>	15272	15272	1.8	1.8	13
38	199449	20288	9.7	5.8	43	126	8	<b>16</b>	206147	20976	9.6	13.9	127
24	19773	2022	7.13	7.9	66	158	8.1	<b>13.6</b>	26682	2690	23.16	26.9	235
26	159157	16385	8.3	9.5	101	1127	7	<b>13.68</b>	166025	17124	3	3.2	26
39	128011	12904	1.86	2.4	13	1189	6.6	<b>11.74</b>	134413	13585	0.6	0.5	1
58	148367	14999	1.02	1.3	15	1622	6.8	<b>6.45</b>	153908	15586	0.47	0.5	4
56	2096	74	11.86	11.6	98	14	8	<b>17.7</b>	6629	729	14.46	19.7	179
29	151455	15524	1.5	1.1	11	1170	7.4	<b>13.76</b>	157168	16116	2.3	2.1	9
36	582	38	2.33	2.4	14	13	5.4	<b>21.83</b>	4213	431	11.87	11.9	165

AVG MPG 7.2

Average 15.5 Hour/Regens

72% Reduction in Regens

#### Non-EcoSystem unit

<u>Unit #</u>	<u>Mileage</u>	<u>Hours</u>	<u>HSLR</u>	<u>GSLR</u>	<u>MSLR</u>	<u>Regen completed</u>	<u>Avg MPG</u>	<u>Reg/Dif</u>	<u>Mileage</u>	<u>Hours</u>	<u>HSLR</u>	<u>GSLR</u>	<u>MSLR</u>
34	186449	19084	7.6	10	63	1178	6.8	<b>0.96</b>	191563	19594	6.9	9	99
60	119648	12225	2.11	2.1	6	1118	6.3	<b>9.75</b>	126489	12976	3.28	5.3	41
601	70320	4408	7.4	8.4	101	127	6	<b>1.92</b>	74120	4819	9.4	11.9	88
37	233603	23947	7.6	7.1	78	1580	6.4	<b>15.48</b>	140525	24675	14.5	18.2	174
23	46156	4355	0.26	0.3	0	242	7.6	<b>21.23</b>	51568	4907	17.02	21.1	184
55	147198	14880	1.97	2.4	28	1603	6.3	<b>0.94</b>	155711	15291	6.1	6.1	47
28	156821	16816	12.07	15.3	117	380	6.9	<b>15.6</b>	167771	16910	18	8	89
57	194076	19839	2.5	3.2	29	1358	7.4	<b>15.42</b>	200664	20564	4.6	4	44
74	214243	21964	1.1	1.8	27	2301	7.1	<b>7.5</b>	220006	22586	3.6	5.8	87
31	157145	16132	9.22	15.8	135	124	7.2	<b>1.27</b>	163682	16859	1.9	2.1	12

AVG MPG 6.8

Average 9 Hour / Regens

### With ECO-4

<u>Regen completed</u>	<u>Avg MPG</u>
1540	9.4
1094	8.2
169	8.5
207	8.6
1181	8.1
1247	6.7
1713	7.9
51	8.3
1213	7.6
31	8.1

**AVG MPG 8.14**

**13% Increase in Fuel Economy**

### Without ECO-4

<u>Regen completed</u>	<u>Avg MPG</u>
1709	6.9
1195	6.7
341	7.6
1627	6.4
268	7.5
2037	7.5
386	7.2
1405	7.5
2384	6.1
695	7.1

**AVG MPG 7.05**

### Totals of Improvement

**MPG Improvement 13%**

**Regen Reductions 72%**