



- Make Your Fuel Take You Further -

**AET Systems, Inc.**  
Advanced Engine Technology

# Air-Tec System Results

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## Caterpillar 345D

WRK

11/3/2014

**Average Gallons per hour without Air-Tec: 11.51 gallons/hr**

**Average Gallons per hour with Air-Tec: 10.43 gallons/hr**

**Savings: 9.38% reduction in fuel usage or 1.08gallons per hour**

**Total hours since installation: 1,029 hours**

**Total Savings since installation: \$3601.5**

Date	Fuel	Working Fuel	Hours	Working gal/hour
2-Jul-13	129.5	127.125	12.6	10.09
3-Jul-13	153.25	152.25	12.93	11.77
9-Jul-13	150.125	149.5	11.85	12.62
10-Jul-13	141.875	141.25	11.88	11.89
11-Jul-13	145.875	145	11.65	12.45
12-Jul-13	128.875	127.375	11.5	11.08
13-Jul-13	107	106.25	9.35	11.36
15-Jul-13	134.625	132.75	11.61	11.43
16-Jul-13	127.5	126.875	10.2	12.44
17-Jul-13	125.125	123.625	10.75	11.50
18-Jul-13	127.875	126.875	10.68	11.88
19-Jul-13	119	116.875	10.71	10.91
22-Jul-13	126.875	125.375	10.51	11.93
23-Jul-13	121	119.375	10.56	11.30
24-Jul-13	119.5	117.625	10.51	11.19
25-Jul-13	120.75	119.375	10.55	11.32
29-Jul-13	112.875	110.75	10.5	10.55
30-Jul-13	114.75	112.625	10.56	10.67
31-Jul-13	128.25	127.5	10.43	12.22
<b>Total</b>	<b>2434.625</b>	<b>2408.375</b>	<b>209.33</b>	<b>11.51</b>
21-May-14	134.5	134.25	11.5	11.67
22-May-14	142.375	142	12.1	11.74
23-May-14	126.375	126	11.23	11.22
<b>TOTAL</b>	<b>403.25</b>	<b>402.25</b>	<b>34.83</b>	<b>11.55</b>

**Average gal/hour without Air-Tec 11.51**

## AIR-TEC SYSTEM INSTALLED

27-May-14	132.375	131.5	12.43	10.58
28-May-14	124.625	124.375	12.21	10.19
29-May-14	120	119.25	12.31	9.69
30-May-14	100	99.5	11.99	8.30
31-May-14	124	122	10.18	11.98
<b>TOTAL</b>	<b>601</b>	<b>596.625</b>	<b>59.12</b>	<b>10.09</b>
4-Jun-14	123	122.375	12.36	9.90
5-Jun-14	129.375	128.875	12.3	10.48
6-Jun-14	122.75	122.25	12.21	10.01
8-Jun-14	87.5	87.125	8.23	10.59
9-Jun-14	129.625	129	12.1	10.66
10-Jun-14	148	147.375	12.15	12.13
11-Jun-14	138.75	138.375	12.08	11.45
12-Jun-14	123.625	123.125	12.23	10.07
13-Jun-14	128.125	127.625	12.08	10.56
16-Jun-14	136.75	136.375	12.05	11.32
24-Jun-14	135.375	134.75	12.63	10.67
25-Jun-14	16.5	15.125	3.15	4.80
26-Jun-14	134.875	134.125	12.78	10.49
<b>TOTAL</b>	<b>1554.25</b>	<b>1546.5</b>	<b>146.35</b>	<b>10.57</b>

Average Air-Tec gal/hour **10.43**

NON Air-Tec gal/hour-----11.51

Air-Tec gal/hour-----10.43

**Savings -----1.08 gallons per hour (9.38% Reduction)**

