

# DDEC® Reports - Trip Activity

Print Date: 7/5/2013 12:19 PM

University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

**Driving**

Time 10477:40:21  
 Percent 82.04 %  
 Fuel 96764.13 gal  
 Economy 5.87 mpg

**Vehicle Speed Limiting**

Time 5254:54:12  
 Percent 50.15 %  
 Distance 326490.1 mi  
 Fuel 51766.75 gal

**Top Gear**

Time 8546:50:03  
 Percent 81.57 %  
 Distance 520540.9 mi  
 Fuel 84932.88 gal

**Top Gear - 1**

Time 523:53:01  
 Percent 5.00 %  
 Distance 23613.0 mi  
 Fuel 5270.38 gal

**Cruise**

Time 2972:09:49  
 Percent 28.37 %  
 Distance 183819.2 mi  
 Fuel 31327.38 gal

**Top Gear Cruise**

Time 2950:55:22  
 Percent 28.16 %  
 Distance 182778.8 mi  
 Fuel 31045.88 gal

**Speeding A(>=66 and <71 mph)**

Count 30045  
 Time 131:18:23  
 Percent 1.25 %

**Speeding B(>=71 mph)**

Count 2870  
 Time 15:46:20  
 Percent 0.15 %

**Highest Speed 87.5 mph**

Occurred 01/12/13 22:00:52 (CST)

**Coasting Time 7:13:46**

**Coasting Percent 0.07 %**

**Stop Idle**

Time 1310:20:26  
 Percent 10.26 %  
 Fuel 642.63 gal

**Over Rev Limit 1800 rpm**

Count 1135  
 Time 9:40:25  
 Percent 0.08 %

**Highest RPM 2799 rpm**

Occurred 05/24/11 21:53:26 (CST)

**Diag. Records 4402**

**Hard Brake Count 96**  
**Firm Brake Count 4530**  
**Brake Count 107485**  
**Eng. Brake Time 0:00:00**

**Fan On Time**

Total Time 441:02:17  
 Engine System 59:58:24  
 Manual 0:00:00  
 A/C 363:50:32  
 DPF Fan Time 17:13:21

**Engine Utilization 5.11 %**

**Vehicle Utilization 4.19 %**

**DPF Regeneration**

Parked Completed 18  
 Parked Regen Fuel 56.20 gal  
 Driving Completed 1606  
 Driving Regen Fuel 2074.76 gal

**Diesel Exhaust Fluid (DEF)**

Trip Fluid -  
 Trip Percent 0.00 %  
 Trip Economy 0.00 mpg  
 Driving Fluid -  
 Driving Economy 0.00 mpg

**Optimized Idle Time**

Active 0:00:00  
 Run 0:00:00  
 Battery 0:00:00  
 Engine Temp. 0:00:00  
 Thermostat 0:00:00  
 Extended Idle 0:00:00  
 Continuous 0:00:00

**Optimized Idle Battery Charging Starts**

Normal Count 0  
 Alternate Count 0  
 Continuous Run 0

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(918)631-3056

Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

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Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

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## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

## VSG(PTO)

Total Time	0:00:00
Percent	0.00 %
Total Fuel	0.00 gal
Working Time	0:00:00
Working Fuel	0.00 gal

# DDEC® Reports - Monthly Activity

Print Date: 7/5/2013 12:19 PM

University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Partial Month: July, 2013 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	2.9 mi	Trip Time	1:27:57
Trip Fuel	2.48 gal	Fuel Consumption	1.69 gal/h
Fuel Economy	1.17 mpg	Idle Time	0:37:15
Avg Drive Load	27 %	Idle Percent	42.35 %
Avg Vehicle Speed	3.4 mph	Idle Fuel	1.48 gal
		Parked Regen Time	0:35:48

**Driving**

Time	0:50:42
Percent	57.65 %
Fuel	1.00 gal
Economy	2.90 mpg

**Stop Idle**

Time	0:11:50
Percent	13.45 %
Fuel	0.13 gal

**Vehicle Speed Limiting**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**Over Rev Limit** **1800 rpm**

Count	0
Time	0:00:07
Percent	0.13 %

**Highest RPM** **2059 rpm**  
 Occurred 07/01/13 14:41:33 (CST)

**Top Gear**

Time	0:00:04
Percent	0.13 %
Distance	0.1 mi
Fuel	0.00 gal

**Diag. Records** **18**

Hard Brake Count	<b>9</b>
Firm Brake Count	<b>4</b>
Brake Count	<b>23</b>
Eng. Brake Time	<b>0:00:00</b>

**Top Gear - 1**

Time	0:00:10
Percent	0.33 %
Distance	0.0 mi
Fuel	0.00 gal

**Fan On Time**

Total Time	0:42:53
Engine System	0:01:00
Manual	0:00:00
A/C	0:06:04
DPF Fan Time	0:35:49

**Cruise**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**Engine Utilization** **2.18 %**

**Vehicle Utilization** **1.25 %**

**Top Gear Cruise**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**DPF Regeneration**

Parked Completed	1
Parked Regen Fuel	1.10 gal
Driving Completed	0
Driving Regen Fuel	0.00 gal

**Speeding A(>=66 and <71 mph)**

Count	0
Time	0:00:00
Percent	0.00 %

**Diesel Exhaust Fluid (DEF)**

Trip Fluid	-
Trip Percent	0.00 %
Trip Economy	0.00 mpg
Driving Fluid	-
Driving Economy	0.00 mpg

**Speeding B(>=71 mph)**

Count	0
Time	0:00:00
Percent	0.00 %

**Optimized Idle Time**

Active	0:00:00
Run	0:00:00
Battery	0:00:00
Engine Temp.	0:00:00
Thermostat	0:00:00
Extended Idle	0:00:00
Continuous	0:00:00

**Highest Speed** **52.0 mph**  
 Occurred 07/03/13 13:18:53 (CST)

**Coasting Time** **0:00:00**

**Coasting Percent** **0.00 %**

**Optimized Idle Battery Charging Starts**

Normal Count	0
Alternate Count	0
Continuous Run	0

# DDEC® Reports - Monthly Activity

Print Date: 7/5/2013 12:19 PM

University of Tulsa 800 S. Tucker Dr Tulsa, OK 74104 (918)631-3056	Partial Month: July, 2013 (CST) Vehicle ID: 47504 Driver ID: Odometer: 567555.4 mi Engine S/N: 06R0992068
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Trip Distance	2.9 mi	Trip Time	1:27:57
Trip Fuel	2.48 gal	Fuel Consumption	1.69 gal/h
Fuel Economy	1.17 mpg	Idle Time	0:37:15
Avg Drive Load	27 %	Idle Percent	42.35 %
Avg Vehicle Speed	3.4 mph	Idle Fuel	1.48 gal
		Parked Regen Time	0:35:48

## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

## VSG(PTO)

Total Time	0:00:00
Percent	0.00 %
Total Fuel	0.00 gal
Working Time	0:00:00
Working Fuel	0.00 gal

# DDEC® Reports - Monthly Activity

Print Date: 7/5/2013 12:19 PM

University of Tulsa 800 S. Tucker Dr Tulsa, OK 74104 (918)631-3056	Month: June, 2013 (CST) Vehicle ID: 47504 Driver ID: Odometer: 567555.4 mi Engine S/N: 06R0992068
-----------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

Trip Distance	114.5 mi	Trip Time	35:02:47
Trip Fuel	29.38 gal	Fuel Consumption	0.84 gal/h
Fuel Economy	3.90 mpg	Idle Time	15:32:41
Avg Drive Load	15 %	Idle Percent	44.35 %
Avg Vehicle Speed	5.9 mph	Idle Fuel	8.88 gal
		Parked Regen Time	0:00:00

**Driving**

Time	19:30:06
Percent	55.65 %
Fuel	20.50 gal
Economy	5.59 mpg

**Stop Idle**

Time	1:21:12
Percent	3.86 %
Fuel	0.63 gal

**Vehicle Speed Limiting**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**Over Rev Limit** **1800 rpm**

Count	0
Time	0:01:00
Percent	0.05 %

**Top Gear**

Time	0:01:15
Percent	0.11 %
Distance	0.2 mi
Fuel	0.00 gal

**Highest RPM** **2091 rpm**  
 Occurred 06/16/13 8:06:21 (CST)

**Top Gear - 1**

Time	0:06:14
Percent	0.53 %
Distance	2.4 mi
Fuel	0.13 gal

**Diag. Records** **30**

Hard Brake Count	0
Firm Brake Count	0
Brake Count	601
Eng. Brake Time	0:00:00

**Cruise**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**Fan On Time**

Total Time	16:19:12
Engine System	0:00:00
Manual	0:00:00
A/C	16:19:12
DPF Fan Time	0:00:00

**Top Gear Cruise**

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

**Engine Utilization** **4.87 %**

**Vehicle Utilization** **2.71 %**

**Speeding A(>=66 and <71 mph)**

Count	0
Time	0:00:00
Percent	0.00 %

**DPF Regeneration**

Parked Completed	0
Parked Regen Fuel	0.00 gal
Driving Completed	0
Driving Regen Fuel	0.00 gal

**Speeding B(>=71 mph)**

Count	0
Time	0:00:00
Percent	0.00 %

**Diesel Exhaust Fluid (DEF)**

Trip Fluid	-
Trip Percent	0.00 %
Trip Economy	0.00 mpg
Driving Fluid	-
Driving Economy	0.00 mpg

**Highest Speed** **39.0 mph**  
 Occurred 06/16/13 8:31:44 (CST)

**Optimized Idle Time**

Active	0:00:00
Run	0:00:00
Battery	0:00:00
Engine Temp.	0:00:00
Thermostat	0:00:00
Extended Idle	0:00:00
Continuous	0:00:00

**Coasting Time** **0:00:00**

**Coasting Percent** **0.00 %**

**Optimized Idle Battery Charging Starts**

Normal Count	0
Alternate Count	0
Continuous Run	0

# DDEC® Reports - Monthly Activity

Print Date: 7/5/2013 12:19 PM

University of Tulsa 800 S. Tucker Dr Tulsa, OK 74104 (918)631-3056	Month: June, 2013 (CST) Vehicle ID: 47504 Driver ID: Odometer: 567555.4 mi Engine S/N: 06R0992068
Trip Distance 114.5 mi	Trip Time 35:02:47
Trip Fuel 29.38 gal	Fuel Consumption 0.84 gal/h
Fuel Economy 3.90 mpg	Idle Time 15:32:41
Avg Drive Load 15 %	Idle Percent 44.35 %
Avg Vehicle Speed 5.9 mph	Idle Fuel 8.88 gal
	Parked Regen Time 0:00:00

## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

## VSG(PTO)

Total Time	0:00:00
Percent	0.00 %
Total Fuel	0.00 gal
Working Time	0:00:00
Working Fuel	0.00 gal

# DDEC® Reports - Monthly Activity

Print Date: 7/5/2013 12:19 PM

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 (918)631-3056

Month: May, 2013 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance 6240.7 mi  
 Trip Fuel 1058.13 gal  
 Fuel Economy 5.90 mpg  
 Avg Drive Load 49 %  
 Avg Vehicle Speed 54.4 mph

Trip Time 138:01:20  
 Fuel Consumption 7.67 gal/h  
 Idle Time 23:20:09  
 Idle Percent 16.91 %  
 Idle Fuel 12.38 gal  
 Parked Regen Time 0:00:00

**Driving**

Time 114:41:11  
 Percent 83.09 %  
 Fuel 1045.75 gal  
 Economy 5.97 mpg

**Stop Idle**

Time 13:47:52  
 Percent 10.00 %  
 Fuel 6.38 gal

**Vehicle Speed Limiting**

Time 58:42:33  
 Percent 51.19 %  
 Distance 3654.2 mi  
 Fuel 568.25 gal

**Over Rev Limit 1800 rpm**

Count 22  
 Time 0:12:28  
 Percent 0.15 %

**Top Gear**

Time 92:30:47  
 Percent 80.67 %  
 Distance 5685.2 mi  
 Fuel 912.63 gal

**Highest RPM 2389 rpm**

Occurred 05/14/13 18:18:50 (CST)

**Top Gear - 1**

Time 4:33:18  
 Percent 3.97 %  
 Distance 201.8 mi  
 Fuel 45.25 gal

**Diag. Records 2**

**Hard Brake Count 1**  
**Firm Brake Count 93**  
**Brake Count 1569**  
**Eng. Brake Time 0:00:00**

**Cruise**

Time 34:59:11  
 Percent 30.51 %  
 Distance 2169.4 mi  
 Fuel 369.13 gal

**Fan On Time**

Total Time 9:38:17  
 Engine System 0:27:32  
 Manual 0:00:00  
 A/C 9:10:45  
 DPF Fan Time 0:00:00

**Top Gear Cruise**

Time 34:26:37  
 Percent 30.03 %  
 Distance 2146.9 mi  
 Fuel 357.75 gal

**Engine Utilization 18.55 %**

**Vehicle Utilization 15.41 %**

**DPF Regeneration**

Parked Completed 0  
 Parked Regen Fuel 0.00 gal  
 Driving Completed 18  
 Driving Regen Fuel 21.87 gal

**Speeding A(>=66 and <71 mph)**

Count 571  
 Time 2:22:31  
 Percent 2.07 %

**Diesel Exhaust Fluid (DEF)**

Trip Fluid -  
 Trip Percent 0.00 %  
 Trip Economy 0.00 mpg  
 Driving Fluid -  
 Driving Economy 0.00 mpg

**Speeding B(>=71 mph)**

Count 80  
 Time 0:26:18  
 Percent 0.38 %

**Optimized Idle Time**

Active 0:00:00  
 Run 0:00:00  
 Battery 0:00:00  
 Engine Temp. 0:00:00  
 Thermostat 0:00:00  
 Extended Idle 0:00:00  
 Continuous 0:00:00

**Highest Speed 85.0 mph**

Occurred 05/14/13 18:19:40 (CST)

**Coasting Time 0:33:44**

**Coasting Percent 0.49 %**

**Optimized Idle Battery Charging Starts**

Normal Count 0  
 Alternate Count 0  
 Continuous Run 0

# DDEC® Reports - Monthly Activity

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University of Tulsa 800 S. Tucker Dr Tulsa, OK 74104 (918)631-3056	Month: May, 2013 (CST) Vehicle ID: 47504 Driver ID: Odometer: 567555.4 mi Engine S/N: 06R0992068
Trip Distance 6240.7 mi	Trip Time 138:01:20
Trip Fuel 1058.13 gal	Fuel Consumption 7.67 gal/h
Fuel Economy 5.90 mpg	Idle Time 23:20:09
Avg Drive Load 49 %	Idle Percent 16.91 %
Avg Vehicle Speed 54.4 mph	Idle Fuel 12.38 gal
	Parked Regen Time 0:00:00

## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %
Distance	0.0 mi
Fuel	0.00 gal

## VSG(PTO)

Total Time	0:00:00
Percent	0.00 %
Total Fuel	0.00 gal
Working Time	0:00:00
Working Fuel	0.00 gal





# DDEC® Reports - Life-To-Date

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Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

Total Distance	567555.4 mi
Total Time	15372:21:28
Total Fuel	98165.59 gal
Overall Fuel Economy	5.78 mpg
Avg Vehicle Speed	36.92 mph
Idle Time	2276:42:40
Idle Percent	14.81 %
Idle Fuel	1315.38 gal
VSG(PTO) Total Time	0:00:00
VSG(PTO) Percent	0.00 %
VSG(PTO) Total Fuel	0.00 gal
VSG(PTO) Working Time	0:00:00
VSG(PTO) Working Fuel	0.00 gal
Cruise Percent	22.70 %
Cruise Time	2972:09:49
Eng. Brake Time	0:00:00
Revolutions/mi	1764
Average RPM	1085

## DPF Regeneration

Parked Completed	18
Occurred	07/03/13 12:33 (CST)
Driving Completed	1606
Occurred	05/18/13 02:44 (CST)

## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %

Avg. Drive Load	50 %
<b>Optimized Idle Time</b>	
Active Time	0:00:00
Run Time	0:00:00

## Optimized Idle Battery Charging Starts

Normal Count	0
Alternate Count	0
Continuous Run	0

## Fan On Time

Total Time	423:48:56
Engine System	59:58:24
Manual	0:00:00
A/C	363:50:32
DPF Fan Time	17:13:21

## Peak Road Speed 85.0 mph

Occurred 06/05/12 08:51 (CST)

## Peak Engine RPM 2797 rpm

Occurred 05/24/11 21:53 (CST)

Parked Regen Fuel	56.25 gal
Driving Regen Fuel	2076.90 gal
Parked Regen Time	17:12:03

## Diesel Exhaust Fluid (DEF)

Total Fluid	-
Total Percent	0.00 %
Total Economy	0.00 mpg
Driving Fluid	0.00 gal
Driving Economy	0.00 mpg

# DDEC® Reports - Vehicle Speed/RPM

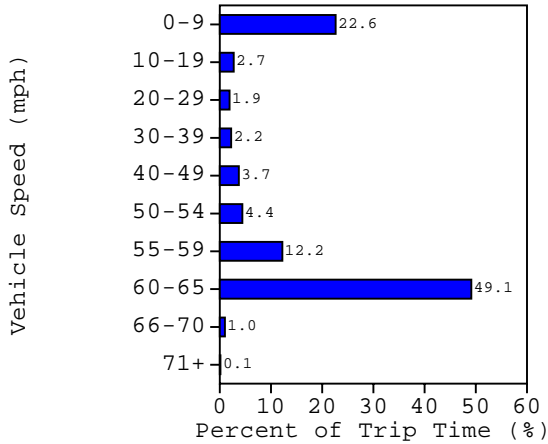
Print Date: 7/5/2013 12:19 PM

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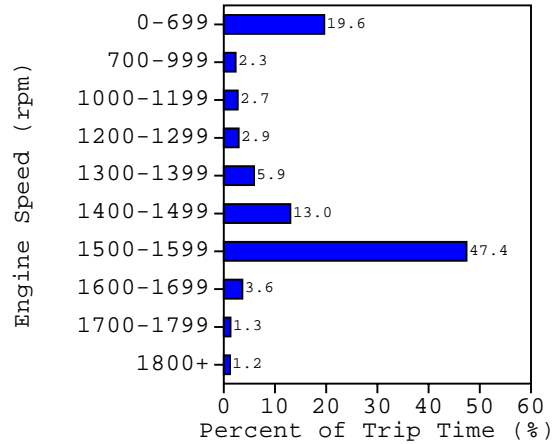
Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

Vehicle Speed Histogram



Engine Speed Histogram



Percent of Trip Time in Speed and RPM Table

Vehicle Speed (mph)

Engine RPM	0- 9	10-19	20-29	30-39	40-49	50-54	55-59	60-65	66-70	71+	Total
0- 699	19.0	0.4	0.1								19.6
700- 999	1.5	0.5	0.2	0.1							2.3
1000-1199	0.8	0.5	0.3	0.3	0.8						2.7
1200-1299	0.3	0.3	0.3	0.4	0.5	1.2					2.9
1300-1399	0.2	0.2	0.3	0.3	0.4	2.4	2.0				5.9
1400-1499	0.2	0.2	0.2	0.3	0.7		9.8	1.7			13.0
1500-1599	0.2	0.2	0.1	0.3	0.7			45.9			47.4
1600-1699	0.2	0.2	0.1	0.2	0.4	0.2		1.5	0.8		3.6
1700-1799	0.1	0.1	0.1	0.2		0.5			0.2	0.1	1.3
1800+	0.2	0.2	0.1	0.1	0.1	0.1	0.3			0.1	1.2
Total	22.6	2.7	1.9	2.2	3.7	4.4	12.2	49.1	1.0	0.1	
Brakes	30555	12714	12562	11188	9912	6517	9241	11001	2967	828	107485
Hard Brakes		1	29	37	20	2	6	1			96
Firm Brakes		361	2011	1210	599	211	102	35	1		4530

Note: This table contains values <0.005 percent of trip time

# DDEC® Reports - Engine Load/RPM

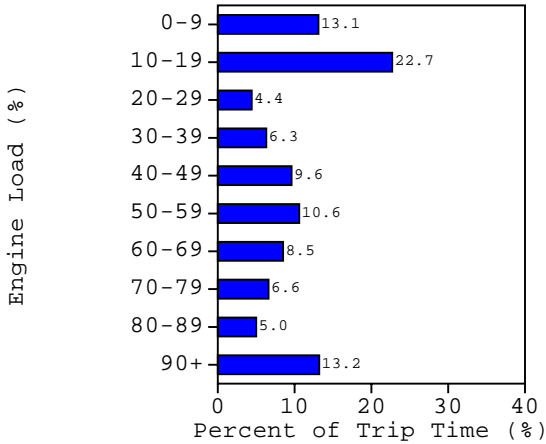
Print Date: 7/5/2013 12:19 PM

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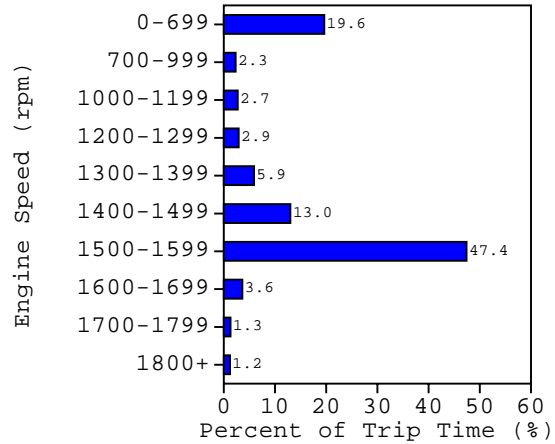
Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

Engine Load Histogram



Engine Speed Histogram



Percent of Trip Time in Load and RPM Table

Engine Load (%)

Engine RPM	0- 9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	Total
0- 699	0.6	17.9	0.5	0.2	0.1	0.1				0.1	19.6
700- 999	1.1	0.6	0.2	0.1	0.1	0.1					2.3
1000-1199	1.1	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	2.7
1200-1299	0.8	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.7	2.9
1300-1399	1.0	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.3	1.7	5.9
1400-1499	1.5	0.5	0.6	1.2	1.6	1.4	1.0	0.9	0.8	3.6	13.0
1500-1599	4.4	2.1	1.8	3.6	6.7	8.1	6.6	4.9	3.4	5.8	47.4
1600-1699	1.8	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.5	3.6
1700-1799	0.5	0.1	0.1	0.1						0.4	1.3
1800+	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Total	13.1	22.7	4.4	6.3	9.6	10.6	8.5	6.6	5.0	13.2	

Note: This table contains values <0.005 percent of trip time

# DDEC® Reports - Over Speed/Over Rev

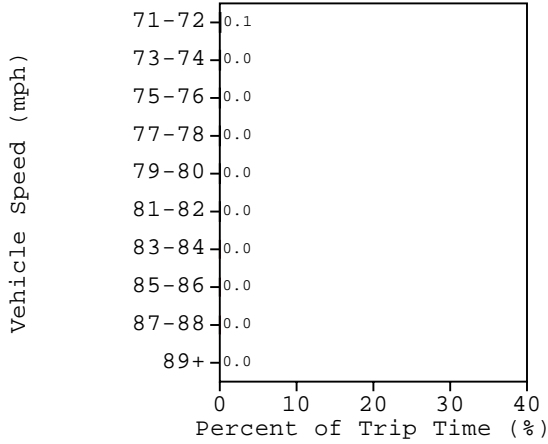
Print Date: 7/5/2013 12:19 PM

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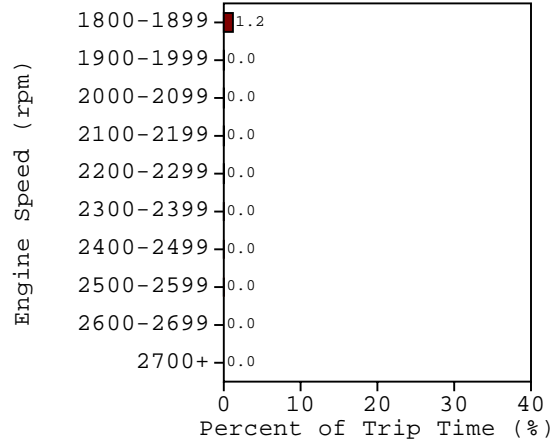
Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

**Over Speed Histogram**



**Over Rev Histogram**



### Percent of Trip Time in Over Speed and Over Rev Bands

Vehicle Speed(mph)

71-72	73-74	75-76	77-78	79-80	81-82	83-84	85-86	87-88	89+
0.07	0.03	0.01	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	

Engine Speed(rpm)

1800 1899	1900 1999	2000 2099	2100 2199	2200 2299	2300 2399	2400 2499	2500 2599	2600 2699	2700+
1.18	0.02	0.01	<0.005	<0.005	<0.005	<0.005	<0.005		

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

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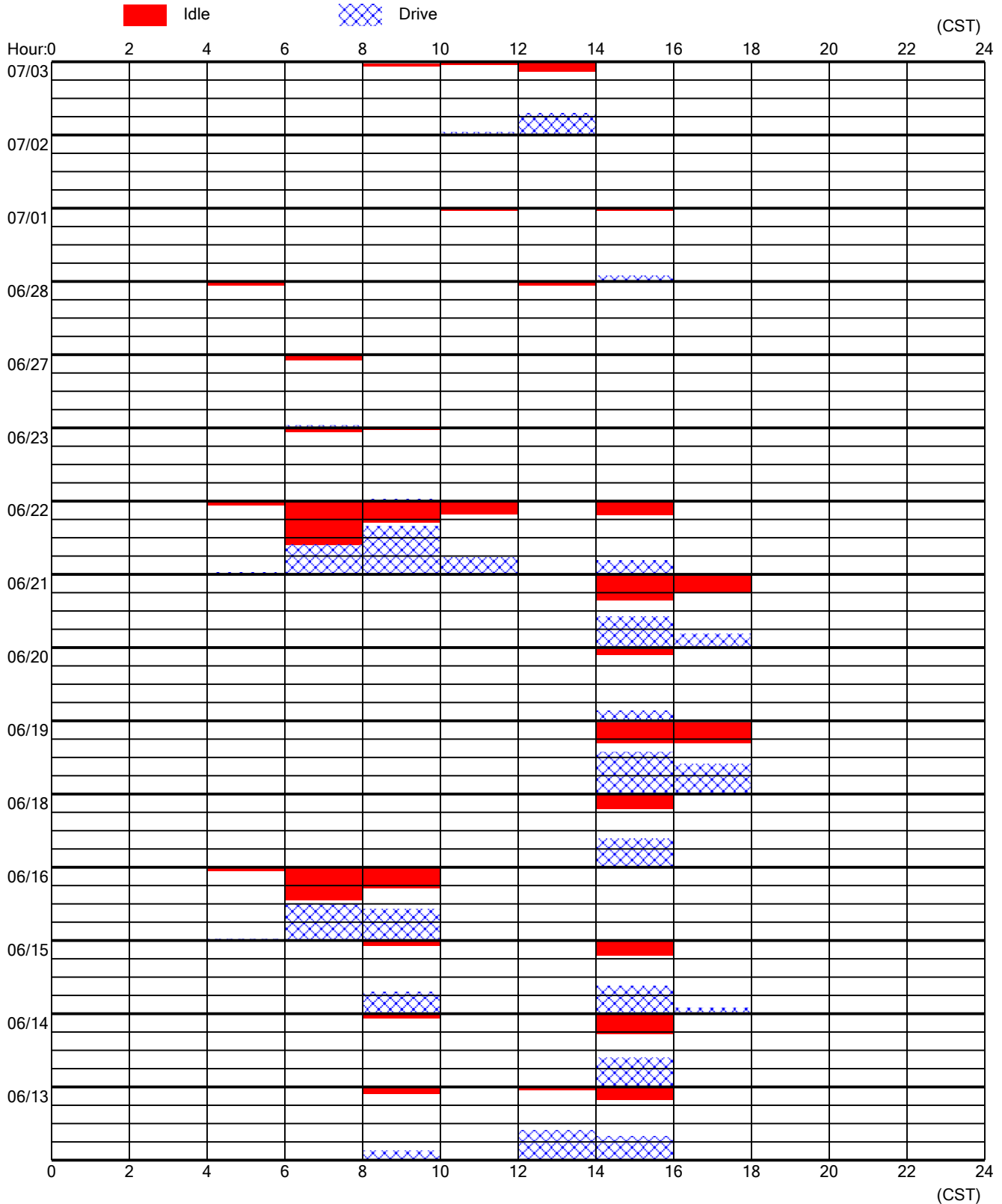
Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068



# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

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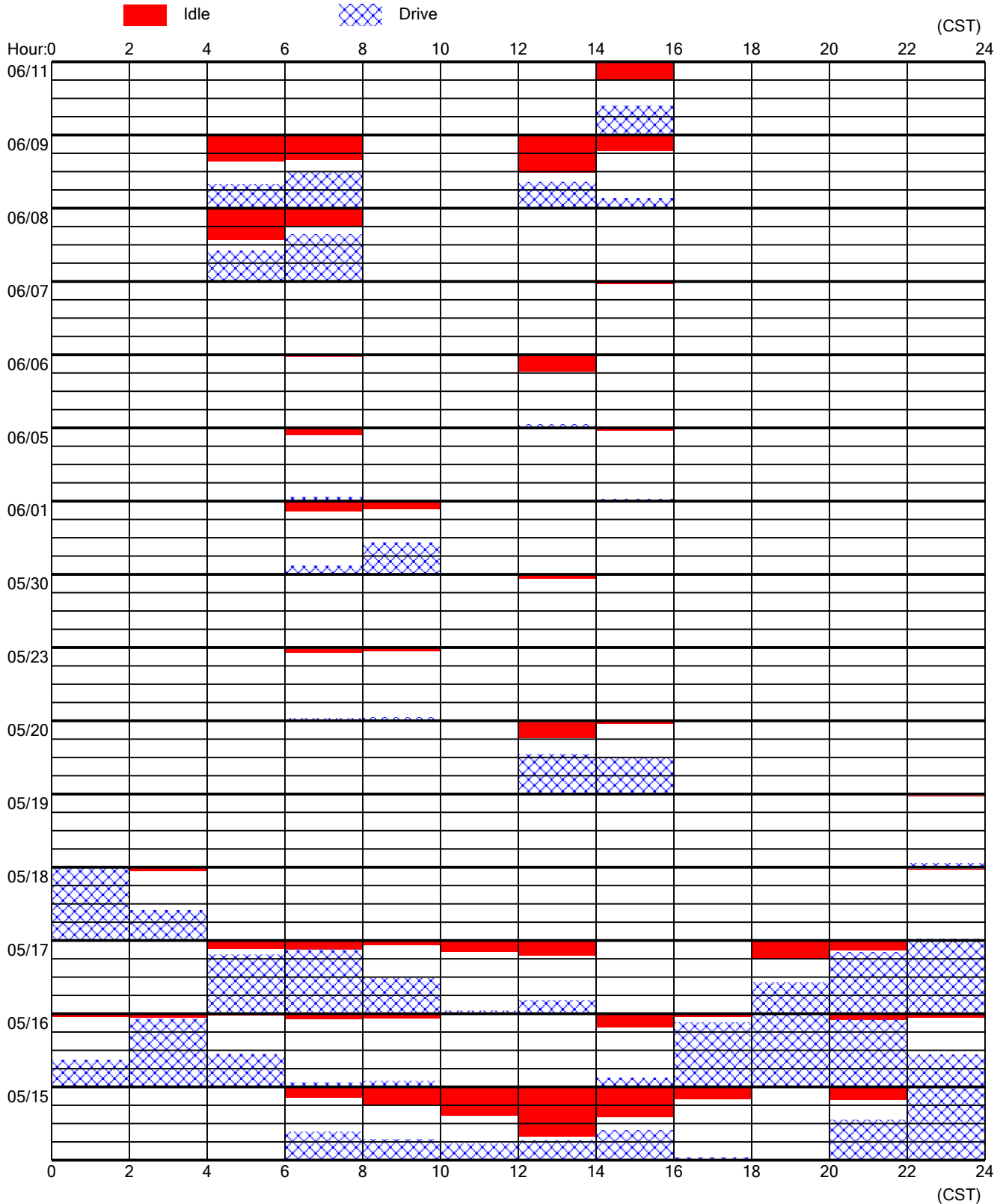
Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068



# DDEC® Reports - Daily Engine Usage

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Vehicle ID:

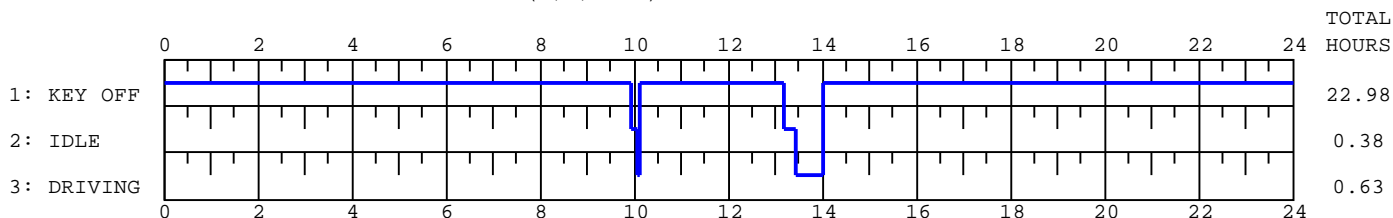
47504

Driver ID:

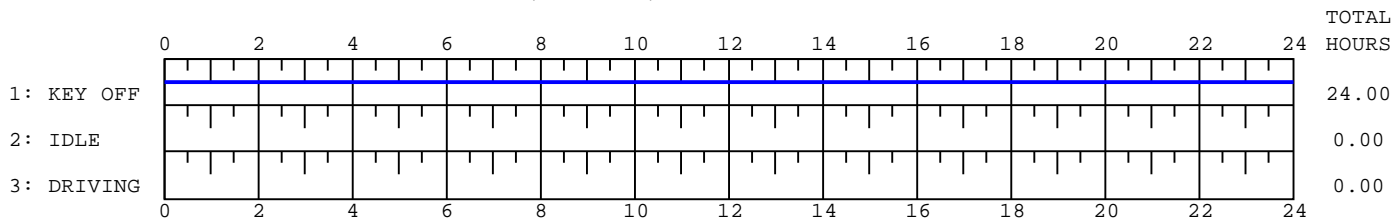
Engine S/N:

06R0992068

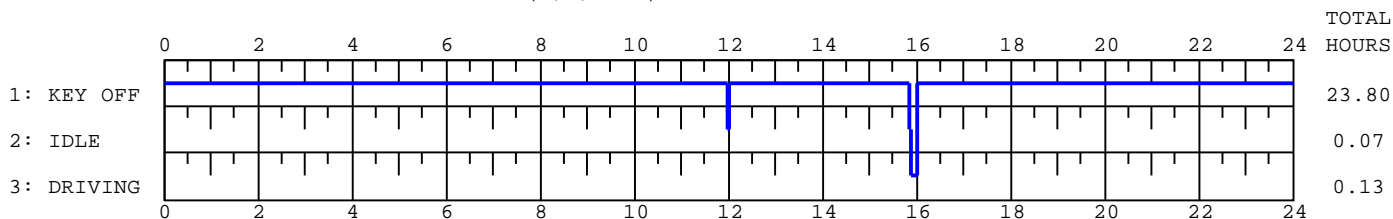
(7/3/2013)



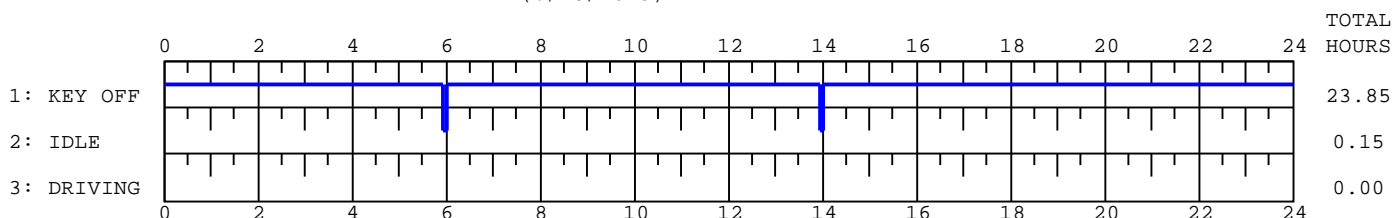
(7/2/2013)



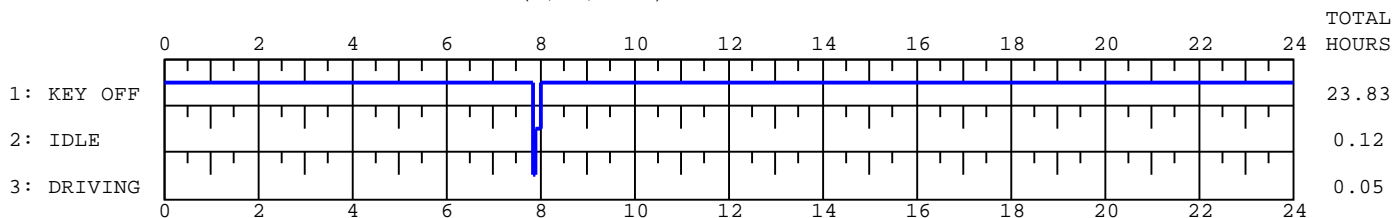
(7/1/2013)



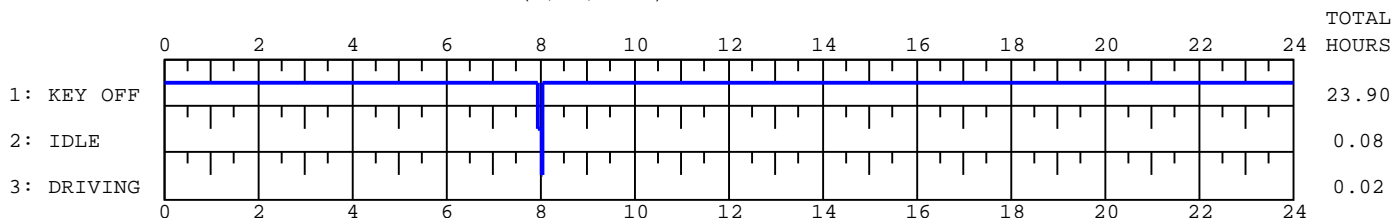
(6/28/2013)



(6/27/2013)



(6/23/2013)





# DDEC® Reports - Daily Engine Usage

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(918)631-3056

Vehicle ID:

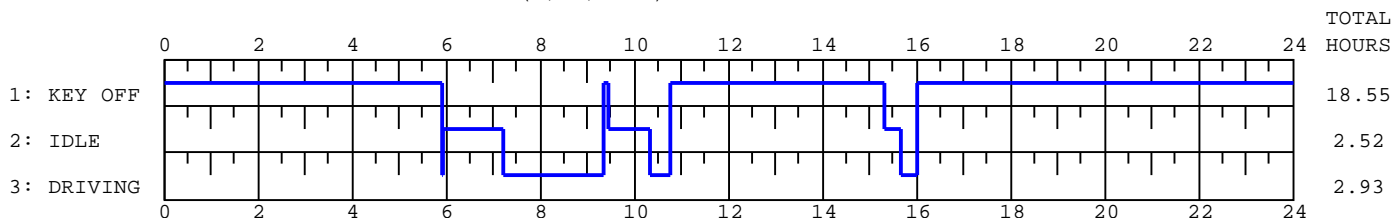
47504

Driver ID:

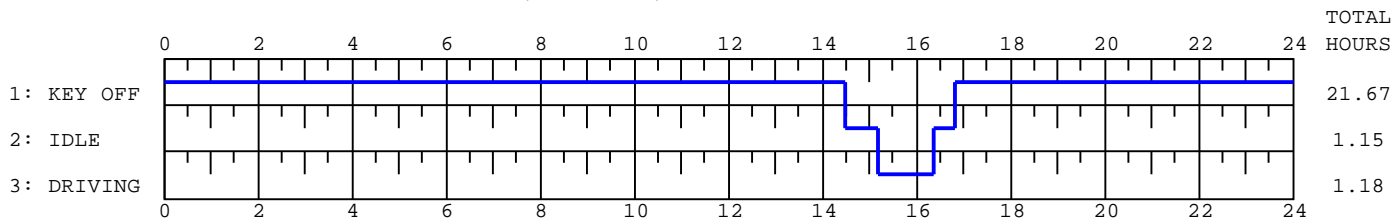
Engine S/N:

06R0992068

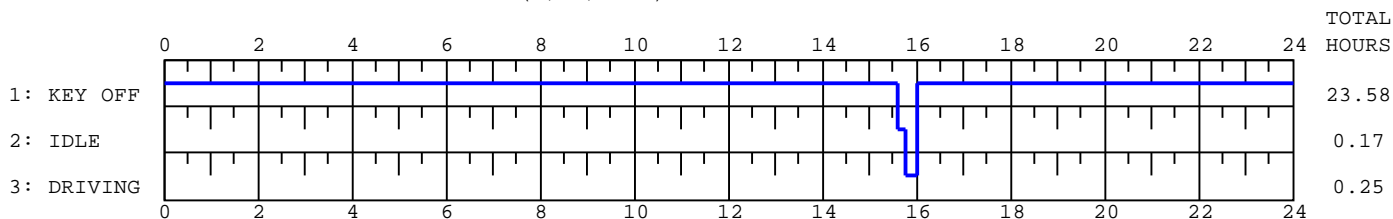
(6/22/2013)



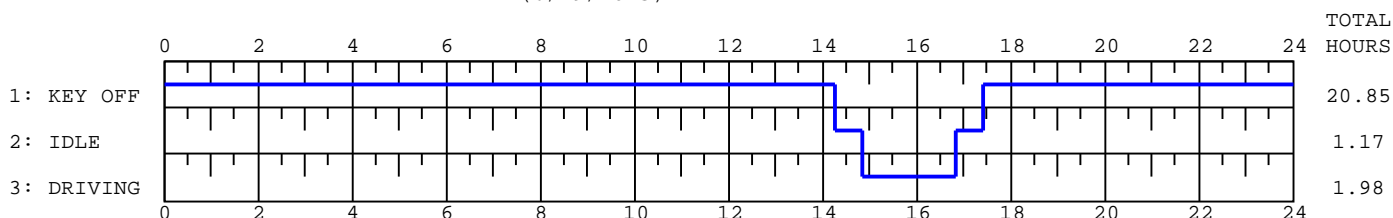
(6/21/2013)



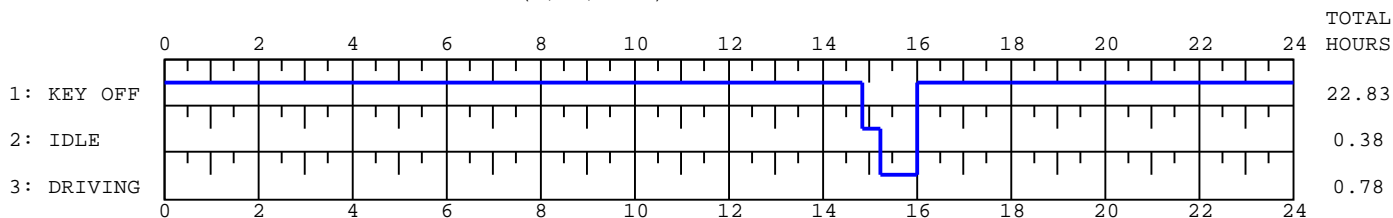
(6/20/2013)



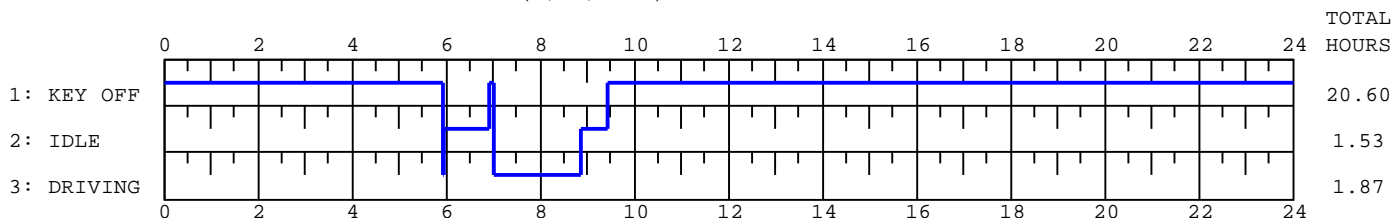
(6/19/2013)



(6/18/2013)



(6/16/2013)



# DDEC® Reports - Daily Engine Usage

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Date Range: 07/03/13 To 05/15/13 (CST)

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Vehicle ID:

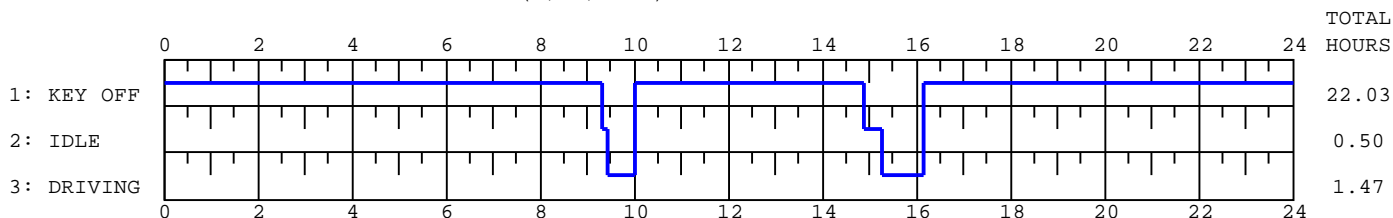
47504

Driver ID:

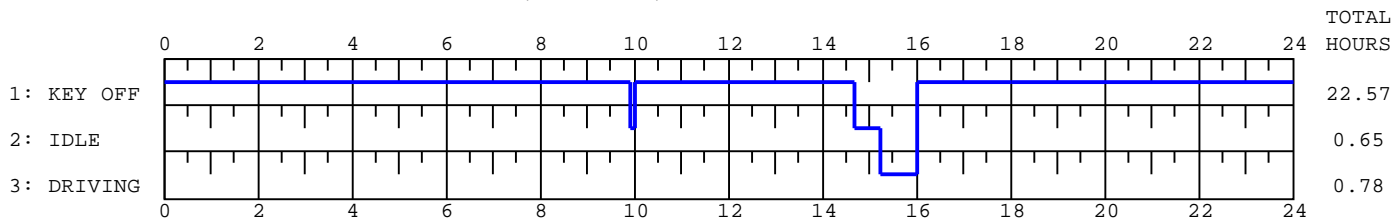
Engine S/N:

06R0992068

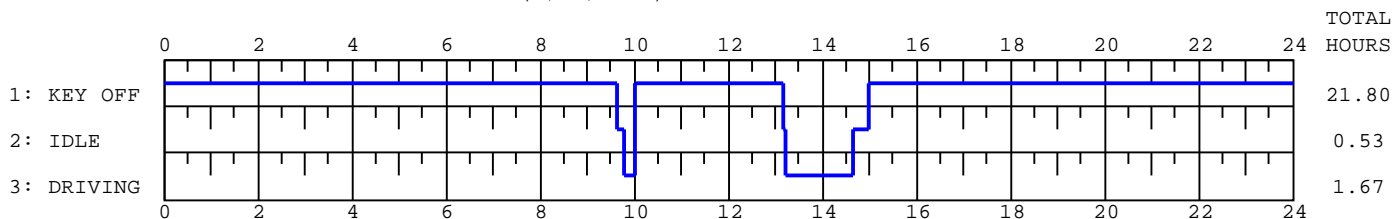
(6/15/2013)



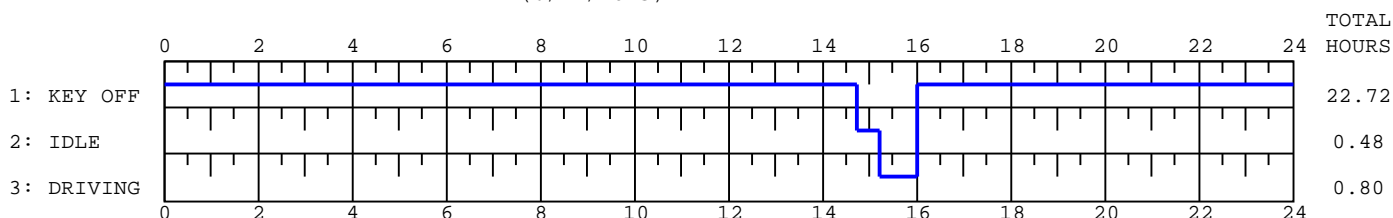
(6/14/2013)



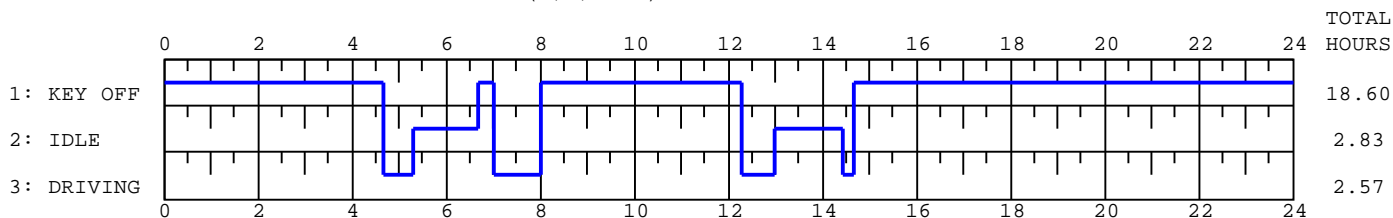
(6/13/2013)



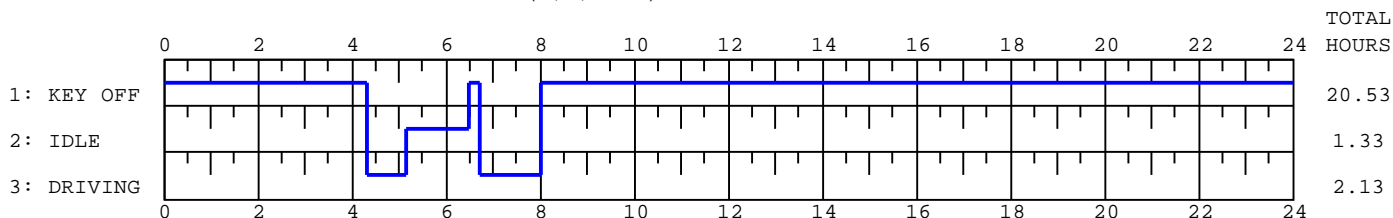
(6/11/2013)



(6/9/2013)



(6/8/2013)



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Vehicle ID:

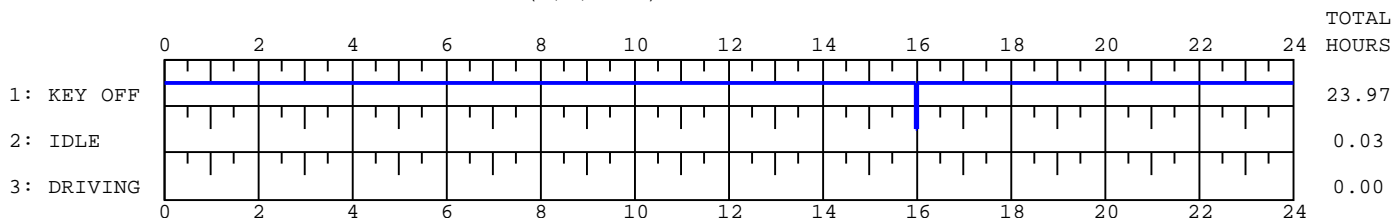
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Driver ID:

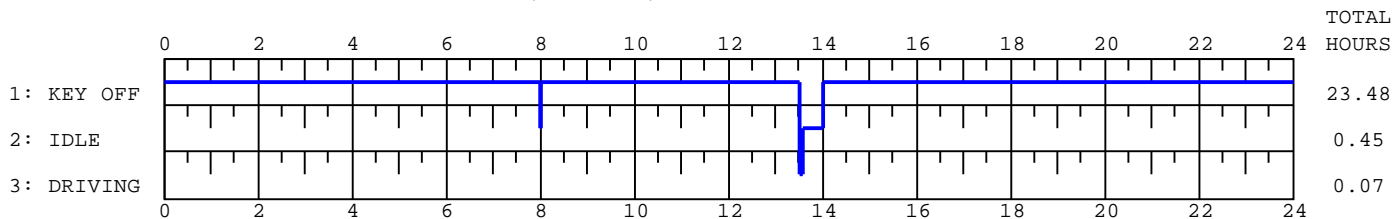
Engine S/N:

06R0992068

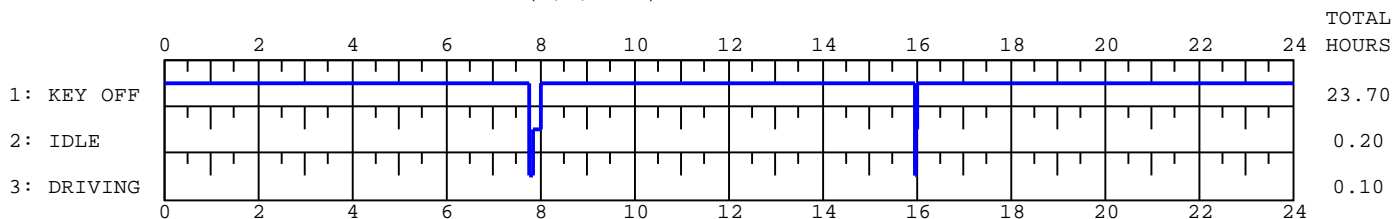
(6/7/2013)



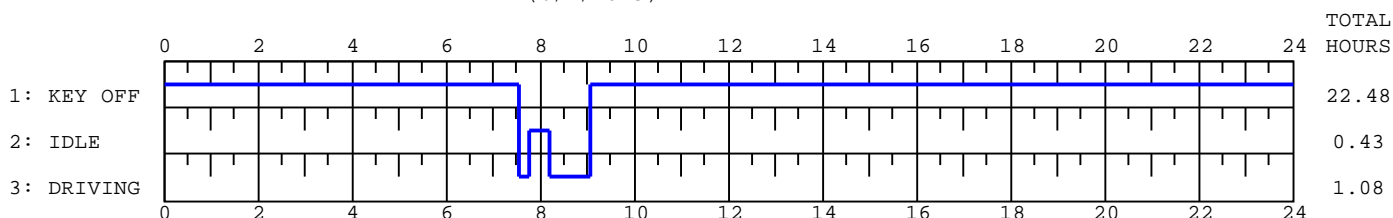
(6/6/2013)



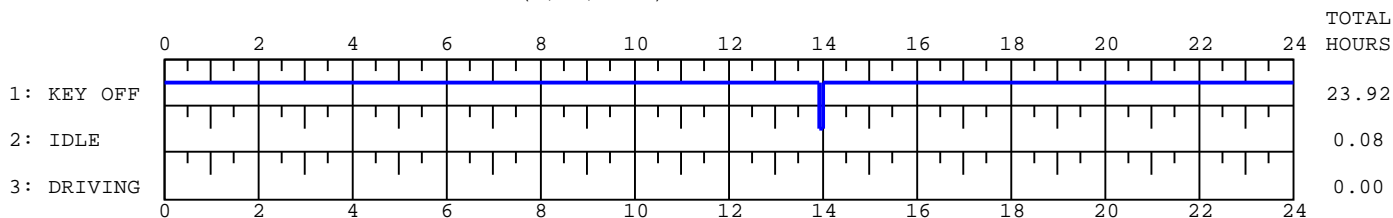
(6/5/2013)



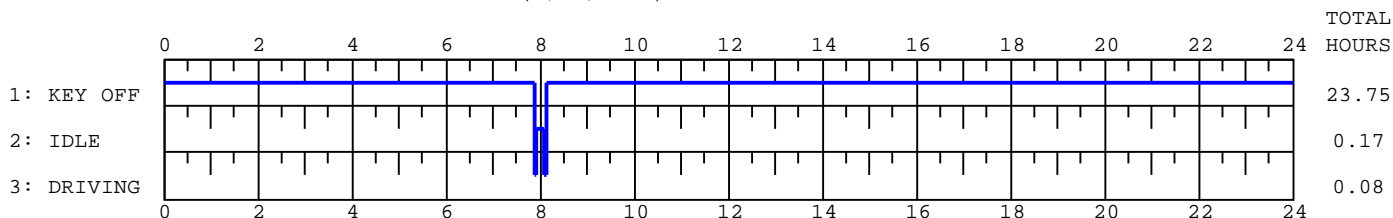
(6/1/2013)



(5/30/2013)



(5/23/2013)



# DDEC® Reports - Daily Engine Usage

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Tulsa, OK 74104

(918)631-3056

Vehicle ID:

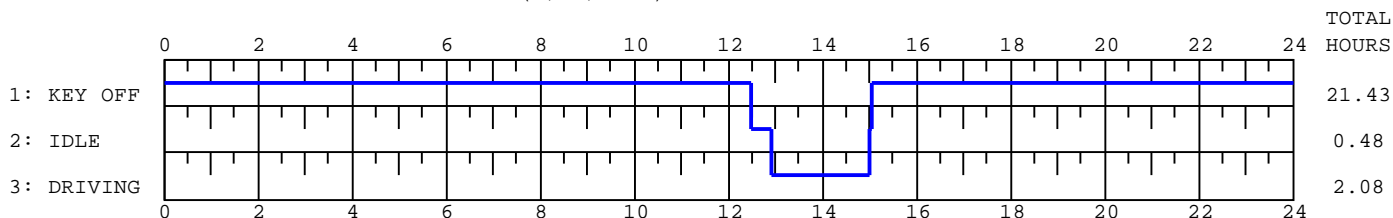
47504

Driver ID:

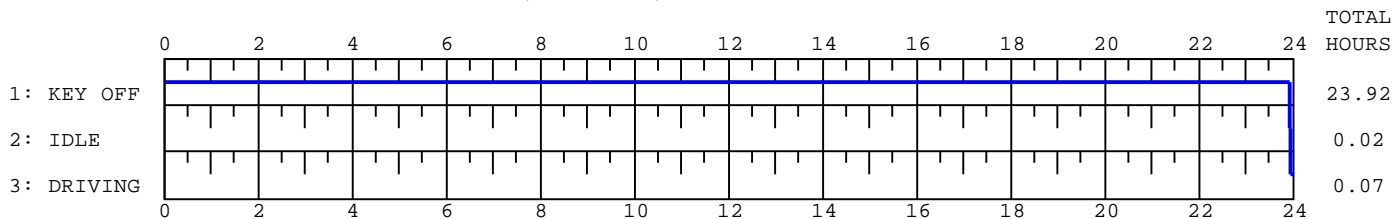
Engine S/N:

06R0992068

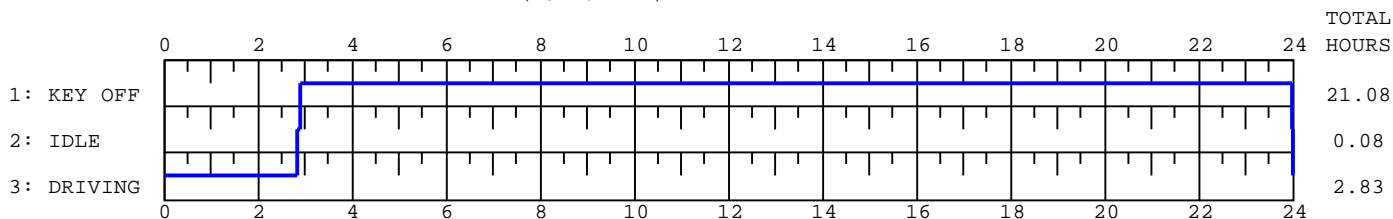
(5/20/2013)



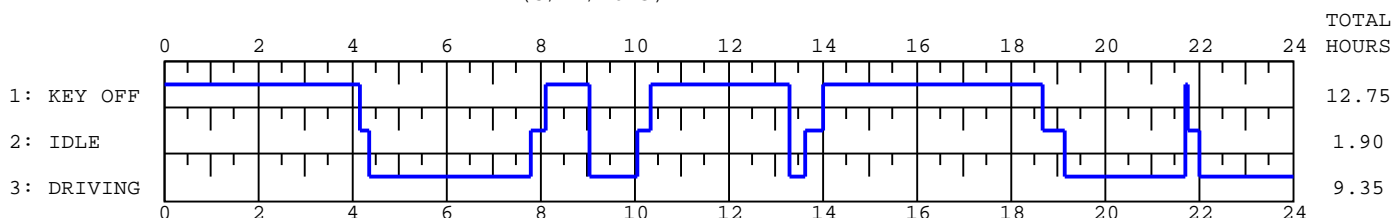
(5/19/2013)



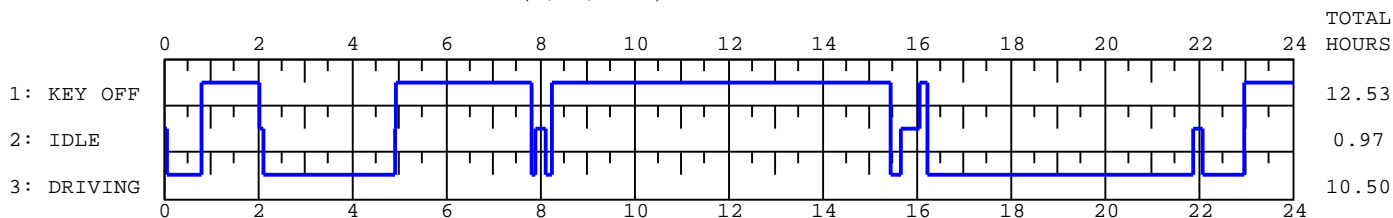
(5/18/2013)



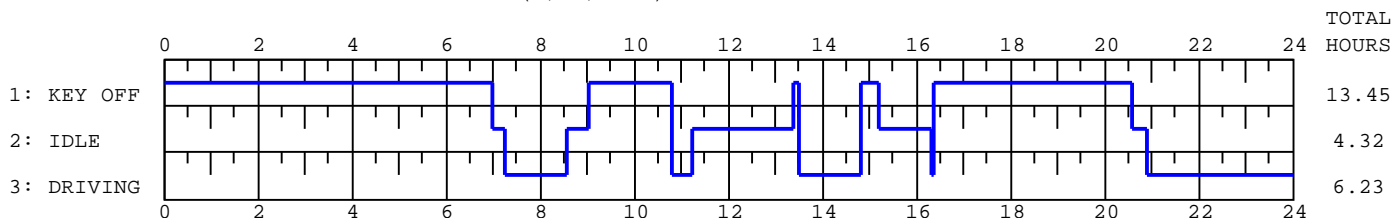
(5/17/2013)



(5/16/2013)



(5/15/2013)



# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	7/3/2013
Start Time:	08:10:20 CST
Odometer:	567554.80 mi
Distance:	0.60 mi
Fuel:	0.75 gal
Fuel Economy:	0.80 mpg
Average Speed:	0.95 mph

Total (hh:mm)	00:38	00:23	22:59
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	5	115
10:00-12:00	3	3	114
12:00-14:00	35	15	70
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	7/2/2013
Start Time:	05:04:58 CST
Odometer:	567554.80 mi
Distance:	0.00 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph

Total (hh:mm)	00:00	00:00	24:00
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	7/1/2013
Start Time:	11:31:10 CST
Odometer:	567552.50 mi
Distance:	2.30 mi
Fuel:	0.25 gal
Fuel Economy:	9.20 mpg
Average Speed:	17.25 mph

Total (hh:mm)	00:08	00:04	23:48
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	2	118
12:00-14:00	0	0	120
14:00-16:00	8	2	110
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

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Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/28/2013
Start Time:	05:44:08 CST
Odometer:	567552.50 mi
Distance:	0.00 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph

Total (hh:mm)	00:00	00:09	23:51
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	5	115
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	4	116
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/27/2013
Start Time:	06:42:42 CST
Odometer:	567551.80 mi
Distance:	0.70 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	14.00 mph

Total (hh:mm)	00:03	00:07	23:50
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	3	7	110
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/23/2013
Start Time:	06:50:46 CST
Odometer:	567551.80 mi
Distance:	0.00 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph

Total (hh:mm)	00:01	00:05	23:54
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	4	116
08:00-10:00	1	1	118
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/22/2013
Start Time:	05:53:25 CST
Odometer:	567536.60 mi
Distance:	15.20 mi
Fuel:	3.50 gal
Fuel Economy:	4.34 mpg
Average Speed:	5.18 mph

Total (hh:mm)	02:56	02:31	18:33
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	1	5	114
06:00-08:00	48	72	0
08:00-10:00	80	34	6
10:00-12:00	26	19	75
12:00-14:00	0	0	120
14:00-16:00	21	21	78
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/21/2013
Start Time:	14:27:24 CST
Odometer:	567530.70 mi
Distance:	5.90 mi
Fuel:	1.75 gal
Fuel Economy:	3.37 mpg
Average Speed:	4.99 mph

Total (hh:mm)	01:11	01:09	21:40
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	50	42	28
16:00-18:00	21	27	72
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/20/2013
Start Time:	14:40:20 CST
Odometer:	567529.00 mi
Distance:	1.70 mi
Fuel:	0.25 gal
Fuel Economy:	6.80 mpg
Average Speed:	6.80 mph

Total (hh:mm)	00:15	00:10	23:35
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	15	10	95
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/19/2013
Start Time:	14:14:02 CST
Odometer:	567517.30 mi
Distance:	11.70 mi
Fuel:	2.75 gal
Fuel Economy:	4.25 mpg
Average Speed:	5.90 mph

Total (hh:mm)	01:59	01:10	20:51
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	70	35	15
16:00-18:00	49	35	36
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/18/2013
Start Time:	14:23:49 CST
Odometer:	567513.60 mi
Distance:	3.70 mi
Fuel:	0.75 gal
Fuel Economy:	4.93 mpg
Average Speed:	4.72 mph

Total (hh:mm)	00:47	00:23	22:50
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	47	23	50
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/16/2013
Start Time:	05:52:45 CST
Odometer:	567501.40 mi
Distance:	12.20 mi
Fuel:	2.00 gal
Fuel Economy:	6.10 mpg
Average Speed:	6.54 mph

Total (hh:mm)	01:52	01:32	20:36
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	1	4	115
06:00-08:00	60	54	6
08:00-10:00	51	34	35
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120



# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/15/2013
Start Time:	08:34:29 CST
Odometer:	567491.30 mi
Distance:	10.10 mi
Fuel:	1.50 gal
Fuel Economy:	6.73 mpg
Average Speed:	6.89 mph

Total (hh:mm)	01:28	00:30	22:02
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	35	7	78
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	45	23	52
16:00-18:00	8	0	112
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/14/2013
Start Time:	08:03:47 CST
Odometer:	567488.20 mi
Distance:	3.10 mi
Fuel:	0.75 gal
Fuel Economy:	4.13 mpg
Average Speed:	3.96 mph

Total (hh:mm)	00:47	00:39	22:34
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	6	114
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	47	33	40
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/13/2013
Start Time:	08:24:37 CST
Odometer:	567472.20 mi
Distance:	16.00 mi
Fuel:	1.75 gal
Fuel Economy:	9.14 mpg
Average Speed:	9.60 mph

Total (hh:mm)	01:40	00:32	21:48
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	14	9	97
10:00-12:00	0	0	120
12:00-14:00	48	3	69
14:00-16:00	38	20	62
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/11/2013
Start Time:	14:33:35 CST
Odometer:	567470.40 mi
Distance:	1.80 mi
Fuel:	0.75 gal
Fuel Economy:	2.40 mpg
Average Speed:	2.25 mph

Total (hh:mm)	00:48	00:29	22:43
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	48	29	43
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/9/2013
Start Time:	04:22:02 CST
Odometer:	567459.60 mi
Distance:	10.80 mi
Fuel:	3.00 gal
Fuel Economy:	3.60 mpg
Average Speed:	4.21 mph

Total (hh:mm)	02:34	02:50	18:36
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	38	43	39
06:00-08:00	60	40	20
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	42	62	16
14:00-16:00	14	25	81
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/8/2013
Start Time:	04:11:14 CST
Odometer:	567446.40 mi
Distance:	13.20 mi
Fuel:	2.75 gal
Fuel Economy:	4.80 mpg
Average Speed:	6.19 mph

Total (hh:mm)	02:08	01:20	20:32
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	50	52	18
06:00-08:00	78	28	14
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/7/2013
Start Time:	14:33:44 CST
Odometer:	567446.40 mi
Distance:	0.00 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph

Total (hh:mm)	00:00	00:02	23:58
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	2	118
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/6/2013
Start Time:	06:31:50 CST
Odometer:	567446.20 mi
Distance:	0.20 mi
Fuel:	0.25 gal
Fuel Economy:	0.80 mpg
Average Speed:	3.00 mph

Total (hh:mm)	00:04	00:27	23:29
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	1	119
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	4	26	90
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	6/5/2013
Start Time:	06:31:07 CST
Odometer:	567444.70 mi
Distance:	1.50 mi
Fuel:	0.25 gal
Fuel Economy:	6.00 mpg
Average Speed:	15.00 mph

Total (hh:mm)	00:06	00:12	23:42
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	5	10	105
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	1	2	117
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	6/1/2013
Start Time:	07:22:52 CST
Odometer:	567438.00 mi
Distance:	6.70 mi
Fuel:	1.00 gal
Fuel Economy:	6.70 mpg
Average Speed:	6.18 mph

Total (hh:mm)	01:05	00:26	22:29
Hour (CST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	13	15	92
08:00-10:00	52	11	57
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	5/30/2013
Start Time:	12:12:46 CST
Odometer:	567437.90 mi
Distance:	0.10 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph

Total (hh:mm)	00:00	00:05	23:55
Hour (CST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	5	115
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	5/23/2013
Start Time:	07:39:49 CST
Odometer:	567437.50 mi
Distance:	0.40 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	4.80 mph

Total (hh:mm)	00:05	00:10	23:45
Hour (CST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	2	6	112
08:00-10:00	3	4	113
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	5/20/2013
Start Time:	12:21:37 CST
Odometer:	567330.90 mi
Distance:	106.60 mi
Fuel:	15.50 gal
Fuel Economy:	6.88 mpg
Average Speed:	51.17 mph

Total (hh:mm)	02:05	00:29	21:26
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	66	26	28
14:00-16:00	59	3	58
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	5/19/2013
Start Time:	22:37:43 CST
Odometer:	567330.40 mi
Distance:	0.50 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	7.50 mph

Total (hh:mm)	00:04	00:01	23:55
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	4	1	115

Date:	5/18/2013
Start Time:	00:00:00 CST
Odometer:	567161.20 mi
Distance:	169.20 mi
Fuel:	29.00 gal
Fuel Economy:	5.83 mpg
Average Speed:	59.72 mph

Total (hh:mm)	02:50	00:05	21:05
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	120	0	0
02:00-04:00	49	4	67
04:00-06:00	0	0	120
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	1	1	118

# DDEC® Reports - Daily Engine Usage

Print Date: 7/5/2013 12:19 PM

Date Range: 07/03/13 To 05/15/13 (CST)

University of Tulsa

800 S. Tucker Dr

Tulsa, OK 74104

(918)631-3056

Vehicle ID:

47504

Driver ID:

Engine S/N:

06R0992068

Date:	5/17/2013
Start Time:	04:08:10 CST
Odometer:	566646.70 mi
Distance:	514.50 mi
Fuel:	90.00 gal
Fuel Economy:	5.72 mpg
Average Speed:	55.03 mph

Total (hh:mm)	09:21	01:54	12:45
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	99	12	9
06:00-08:00	107	13	0
08:00-10:00	58	6	56
10:00-12:00	3	17	100
12:00-14:00	20	23	77
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	52	28	40
20:00-22:00	102	15	3
22:00-24:00	120	0	0

Date:	5/16/2013
Start Time:	00:00:00 CST
Odometer:	566044.00 mi
Distance:	602.70 mi
Fuel:	97.75 gal
Fuel Economy:	6.17 mpg
Average Speed:	57.40 mph

Total (hh:mm)	10:30	00:58	12:32
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	44	3	73
02:00-04:00	114	5	1
04:00-06:00	54	1	65
06:00-08:00	5	7	108
08:00-10:00	8	6	106
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	13	21	86
16:00-18:00	107	3	10
18:00-20:00	120	0	0
20:00-22:00	112	8	0
22:00-24:00	53	4	63

Date:	5/15/2013
Start Time:	06:37:50 CST
Odometer:	565757.80 mi
Distance:	286.20 mi
Fuel:	45.75 gal
Fuel Economy:	6.26 mpg
Average Speed:	45.91 mph

Total (hh:mm)	06:14	04:19	13:27
Hour (CST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	46	16	58
08:00-10:00	33	28	59
10:00-12:00	26	47	47
12:00-14:00	31	82	7
14:00-16:00	48	49	23
16:00-18:00	3	18	99
18:00-20:00	0	0	120
20:00-22:00	67	19	34
22:00-24:00	120	0	0

# DDEC® Reports - Hard Brake

# #1

Print Date: 7/5/2013 12:19 PM  
University of Tulsa  
800 S. Tucker Dr  
Tulsa, OK 74104  
(918)631-3056

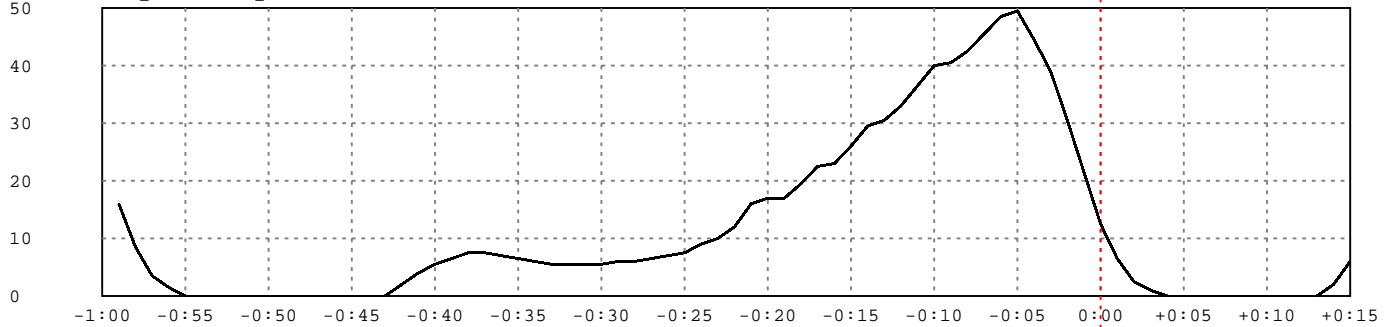
Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

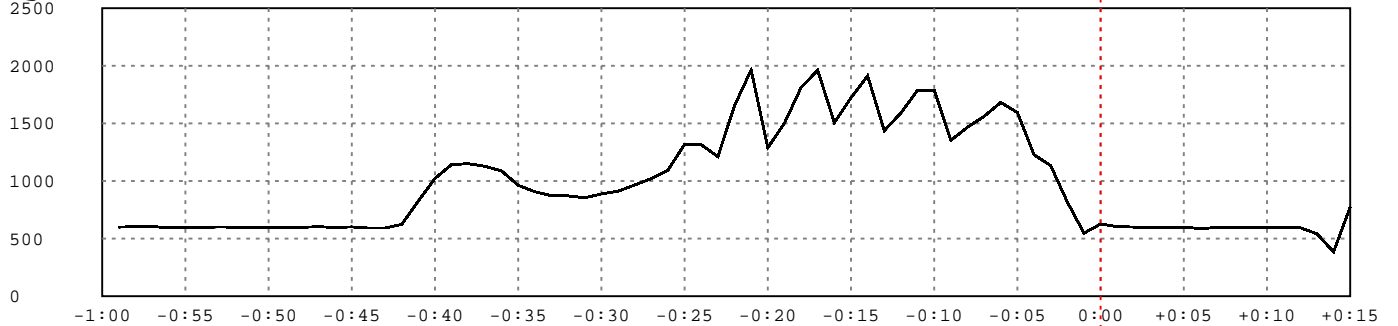
Incident Time: 07/03/13 13:19:59 (CST)

Incident Odometer: 567555.4 mi

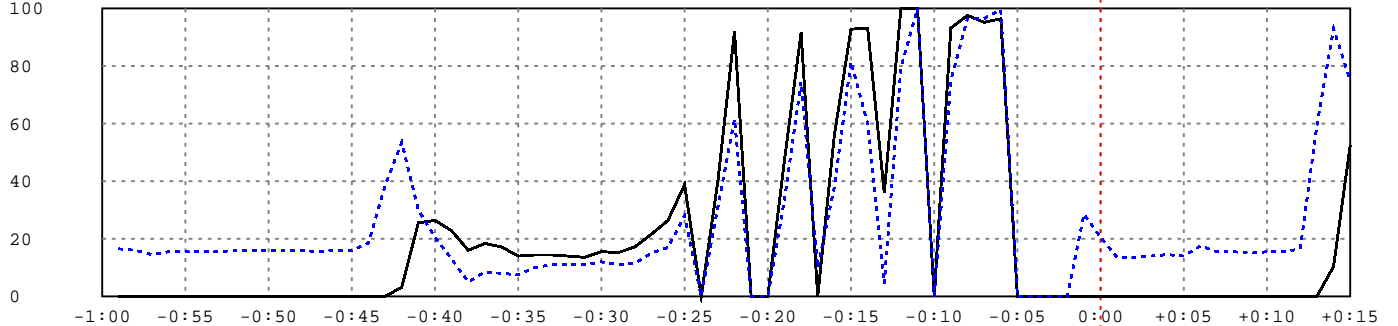
**Vehicle Speed (mph)**



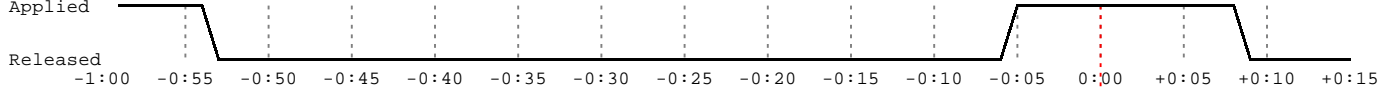
**Engine RPM**



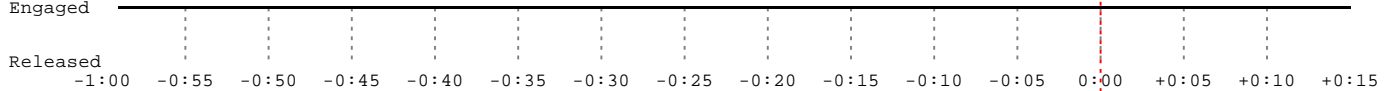
**Percent**



**Brake**



**Clutch**



# DDEC® Reports - Hard Brake

## #2

Print Date: 7/5/2013 12:19 PM  
University of Tulsa  
800 S. Tucker Dr  
Tulsa, OK 74104  
(918)631-3056

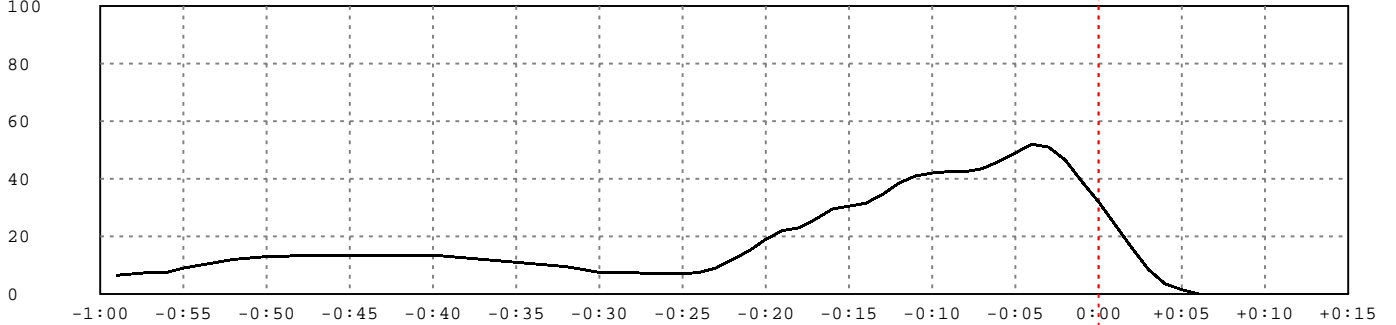
Trip: - To 07/03/13 (CST)  
Vehicle ID: 47504  
Driver ID:  
Odometer: 567555.4 mi  
Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

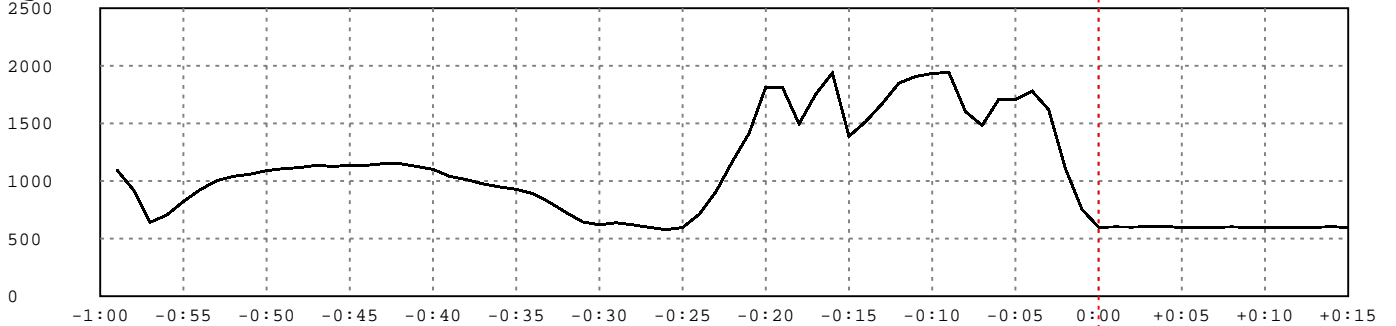
Incident Time: 07/03/13 13:18:58 (CST)

Incident Odometer: 567555.2 mi

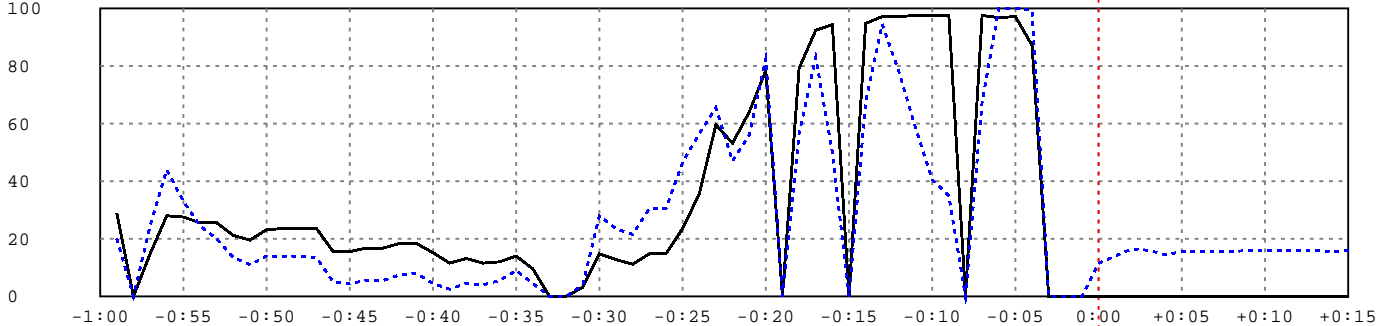
### Vehicle Speed (mph)



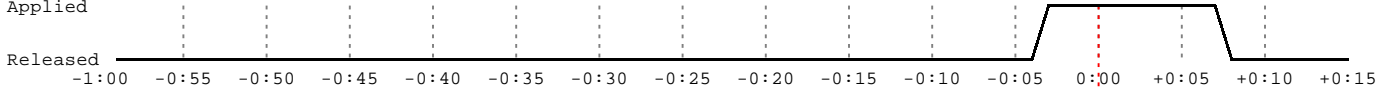
### Engine RPM



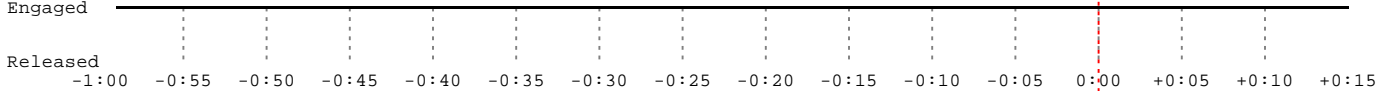
### Percent



### Brake



### Clutch





# DDEC® Reports - Hard Brake

# #1

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

Incident Time: 7/3/2013 1:19:59 PM (CST) Incident Odometer: 567555.4 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	16.0	601	Yes	Yes	16.50	0.00	No	No
-0:58	8.5	603	Yes	Yes	16.00	0.00	No	No
-0:57	3.5	606	Yes	Yes	14.50	0.00	No	No
-0:56	1.5	598	Yes	Yes	15.50	0.00	No	No
-0:55	0.0	599	Yes	Yes	15.50	0.00	No	No
-0:54	0.0	600	Yes	Yes	15.50	0.00	No	No
-0:53	0.0	602	No	Yes	15.50	0.00	No	No
-0:52	0.0	598	No	Yes	16.00	0.00	No	No
-0:51	0.0	599	No	Yes	16.00	0.00	No	No
-0:50	0.0	600	No	Yes	16.00	0.00	No	No
-0:49	0.0	599	No	Yes	16.00	0.00	No	No
-0:48	0.0	599	No	Yes	16.00	0.00	No	No
-0:47	0.0	603	No	Yes	15.50	0.00	No	No
-0:46	0.0	598	No	Yes	16.00	0.00	No	No
-0:45	0.0	602	No	Yes	16.00	0.00	No	No
-0:44	0.0	592	No	Yes	18.50	0.00	No	No
-0:43	0.0	593	No	Yes	38.50	0.00	No	No
-0:42	2.0	624	No	Yes	53.50	3.20	No	No
-0:41	4.0	828	No	Yes	30.00	25.60	No	No
-0:40	5.5	1024	No	Yes	20.50	26.40	No	No
-0:39	6.5	1143	No	Yes	13.00	22.80	No	No
-0:38	7.5	1151	No	Yes	5.00	16.00	No	No
-0:37	7.5	1128	No	Yes	8.50	18.40	No	No
-0:36	7.0	1089	No	Yes	8.00	17.20	No	No
-0:35	6.5	964	No	Yes	7.50	14.00	No	No
-0:34	6.0	908	No	Yes	10.00	14.40	No	No
-0:33	5.5	873	No	Yes	11.00	14.40	No	No
-0:32	5.5	871	No	Yes	11.00	14.00	No	No
-0:31	5.5	855	No	Yes	11.00	13.60	No	No
-0:30	5.5	888	No	Yes	12.00	15.60	No	No
-0:29	6.0	912	No	Yes	11.00	15.20	No	No
-0:28	6.0	965	No	Yes	11.50	17.20	No	No
-0:27	6.5	1022	No	Yes	15.00	21.60	No	No
-0:26	7.0	1095	No	Yes	17.00	26.40	No	No
-0:25	7.5	1319	No	Yes	28.00	38.80	No	No
-0:24	9.0	1316	No	Yes	0.00	0.00	No	No
-0:23	10.0	1212	No	Yes	31.00	40.00	No	No
-0:22	12.0	1656	No	Yes	61.50	92.00	No	No
-0:21	16.0	1964	No	Yes	0.00	0.00	No	No
-0:20	17.0	1289	No	Yes	0.00	0.00	No	No

# DDEC® Reports - Hard Brake

# #1

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Incident Time: 7/3/2013 1:19:59 PM (CST) Incident Odometer: 567555.4 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	17.0	1502	No	Yes	33.50	47.20	No	No
-0:18	19.5	1812	No	Yes	74.50	91.60	No	No
-0:17	22.5	1962	No	Yes	10.00	0.00	No	No
-0:16	23.0	1507	No	Yes	38.00	56.00	No	No
-0:15	26.0	1723	No	Yes	81.50	92.80	No	No
-0:14	29.5	1913	No	Yes	60.00	93.20	No	No
-0:13	30.5	1438	No	Yes	4.50	36.00	No	No
-0:12	33.0	1590	No	Yes	79.50	100.00	No	No
-0:11	36.5	1788	No	Yes	100.00	100.00	No	No
-0:10	40.0	1789	No	Yes	0.00	0.00	No	No
-0:09	40.5	1353	No	Yes	75.00	93.20	No	No
-0:08	42.5	1467	No	Yes	96.50	97.60	No	No
-0:07	45.5	1562	No	Yes	96.50	95.20	No	No
-0:06	48.5	1683	No	Yes	99.50	96.40	No	No
-0:05	49.5	1596	Yes	Yes	0.00	0.00	No	No
-0:04	44.5	1228	Yes	Yes	0.00	0.00	No	No
-0:03	39.0	1134	Yes	Yes	0.00	0.00	No	No
-0:02	30.5	819	Yes	Yes	0.00	0.00	No	No
-0:01	21.5	548	Yes	Yes	28.50	0.00	No	No
0:00	12.5	627	Yes	Yes	20.50	0.00	No	No
+0:01	6.5	605	Yes	Yes	13.50	0.00	No	No
+0:02	2.5	601	Yes	Yes	13.50	0.00	No	No
+0:03	1.0	596	Yes	Yes	14.00	0.00	No	No
+0:04	0.0	595	Yes	Yes	14.50	0.00	No	No
+0:05	0.0	600	Yes	Yes	14.00	0.00	No	No
+0:06	0.0	589	Yes	Yes	17.50	0.00	No	No
+0:07	0.0	597	Yes	Yes	15.50	0.00	No	No
+0:08	0.0	599	Yes	Yes	15.50	0.00	No	No
+0:09	0.0	600	No	Yes	15.00	0.00	No	No
+0:10	0.0	596	No	Yes	15.50	0.00	No	No
+0:11	0.0	598	No	Yes	15.50	0.00	No	No
+0:12	0.0	595	No	Yes	16.50	0.00	No	No
+0:13	0.0	542	No	Yes	59.50	0.00	No	No
+0:14	2.0	385	No	Yes	93.00	10.40	No	No
+0:15	6.0	774	No	Yes	75.00	52.40	No	No

# DDEC® Reports - Hard Brake

# #2

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

Incident Time: 7/3/2013 1:18:58 PM (CST) Incident Odometer: 567555.2 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	6.5	1098	No	Yes	20.00	28.80	No	No
-0:58	7.0	922	No	Yes	0.00	0.00	No	No
-0:57	7.5	642	No	Yes	24.50	14.80	No	No
-0:56	7.5	706	No	Yes	44.00	28.00	No	No
-0:55	9.0	822	No	Yes	33.00	27.60	No	No
-0:54	10.0	925	No	Yes	24.50	25.60	No	No
-0:53	11.0	1003	No	Yes	20.00	25.60	No	No
-0:52	12.0	1041	No	Yes	13.50	21.20	No	No
-0:51	12.5	1059	No	Yes	11.00	19.60	No	No
-0:50	13.0	1091	No	Yes	14.00	23.20	No	No
-0:49	13.0	1107	No	Yes	14.00	23.60	No	No
-0:48	13.5	1118	No	Yes	14.00	23.60	No	No
-0:47	13.5	1137	No	Yes	13.50	23.60	No	No
-0:46	13.5	1127	No	Yes	5.00	15.60	No	No
-0:45	13.5	1136	No	Yes	4.50	15.60	No	No
-0:44	13.5	1137	No	Yes	5.50	16.80	No	No
-0:43	13.5	1150	No	Yes	5.50	16.80	No	No
-0:42	13.5	1152	No	Yes	7.50	18.40	No	No
-0:41	13.5	1128	No	Yes	8.00	18.40	No	No
-0:40	13.5	1102	No	Yes	4.50	15.20	No	No
-0:39	13.0	1042	No	Yes	2.50	11.60	No	No
-0:38	12.5	1013	No	Yes	4.50	13.20	No	No
-0:37	12.0	975	No	Yes	4.00	11.60	No	No
-0:36	11.5	950	No	Yes	5.50	12.00	No	No
-0:35	11.0	928	No	Yes	9.00	14.00	No	No
-0:34	10.5	890	No	Yes	4.50	9.60	No	No
-0:33	10.0	817	No	Yes	0.00	0.00	No	No
-0:32	9.5	727	No	Yes	0.00	0.00	No	No
-0:31	8.5	646	No	Yes	4.00	3.20	No	No
-0:30	7.5	620	No	Yes	28.00	14.80	No	No
-0:29	7.5	638	No	Yes	23.50	12.80	No	No
-0:28	7.5	620	No	Yes	21.50	11.20	No	No
-0:27	7.0	598	No	Yes	30.50	14.80	No	No
-0:26	7.0	579	No	Yes	30.50	14.80	No	No
-0:25	7.0	596	No	Yes	46.50	23.60	No	No
-0:24	7.5	711	No	Yes	56.50	35.60	No	No
-0:23	9.0	906	No	Yes	65.50	59.60	No	No
-0:22	12.0	1172	No	Yes	47.00	53.20	No	No
-0:21	15.0	1416	No	Yes	56.00	64.00	No	No
-0:20	19.0	1816	No	Yes	82.50	78.40	No	No

# DDEC® Reports - Hard Brake

# #2

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Incident Time: 7/3/2013 1:18:58 PM (CST) Incident Odometer: 567555.2 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	22.0	1814	No	Yes	0.00	0.00	No	No
-0:18	23.0	1497	No	Yes	56.50	79.20	No	No
-0:17	26.0	1753	No	Yes	83.00	92.40	No	No
-0:16	29.5	1938	No	Yes	50.00	94.40	No	No
-0:15	30.5	1389	No	Yes	0.00	0.00	No	No
-0:14	31.5	1515	No	Yes	67.50	94.80	No	No
-0:13	34.5	1673	No	Yes	94.50	97.20	No	No
-0:12	38.5	1851	No	Yes	78.00	97.20	No	No
-0:11	41.0	1908	No	Yes	58.50	97.60	No	No
-0:10	42.0	1934	No	Yes	40.50	97.60	No	No
-0:09	42.5	1944	No	Yes	35.00	97.60	No	No
-0:08	42.5	1603	No	Yes	0.00	0.00	No	No
-0:07	43.5	1482	No	Yes	67.50	97.60	No	No
-0:06	46.0	1709	No	Yes	100.00	96.80	No	No
-0:05	49.0	1709	No	Yes	100.00	97.20	No	No
-0:04	52.0	1781	No	Yes	99.50	87.20	No	No
-0:03	51.0	1621	Yes	Yes	0.00	0.00	No	No
-0:02	46.5	1111	Yes	Yes	0.00	0.00	No	No
-0:01	39.0	754	Yes	Yes	0.00	0.00	No	No
0:00	32.0	599	Yes	Yes	11.50	0.00	No	No
+0:01	24.0	602	Yes	Yes	14.00	0.00	No	No
+0:02	16.0	601	Yes	Yes	16.50	0.00	No	No
+0:03	8.5	603	Yes	Yes	16.00	0.00	No	No
+0:04	3.5	606	Yes	Yes	14.50	0.00	No	No
+0:05	1.5	598	Yes	Yes	15.50	0.00	No	No
+0:06	0.0	599	Yes	Yes	15.50	0.00	No	No
+0:07	0.0	600	Yes	Yes	15.50	0.00	No	No
+0:08	0.0	602	No	Yes	15.50	0.00	No	No
+0:09	0.0	598	No	Yes	16.00	0.00	No	No
+0:10	0.0	599	No	Yes	16.00	0.00	No	No
+0:11	0.0	600	No	Yes	16.00	0.00	No	No
+0:12	0.0	599	No	Yes	16.00	0.00	No	No
+0:13	0.0	599	No	Yes	16.00	0.00	No	No
+0:14	0.0	603	No	Yes	15.50	0.00	No	No
+0:15	0.0	598	No	Yes	16.00	0.00	No	No

# DDEC® Reports - Last Stop Record

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

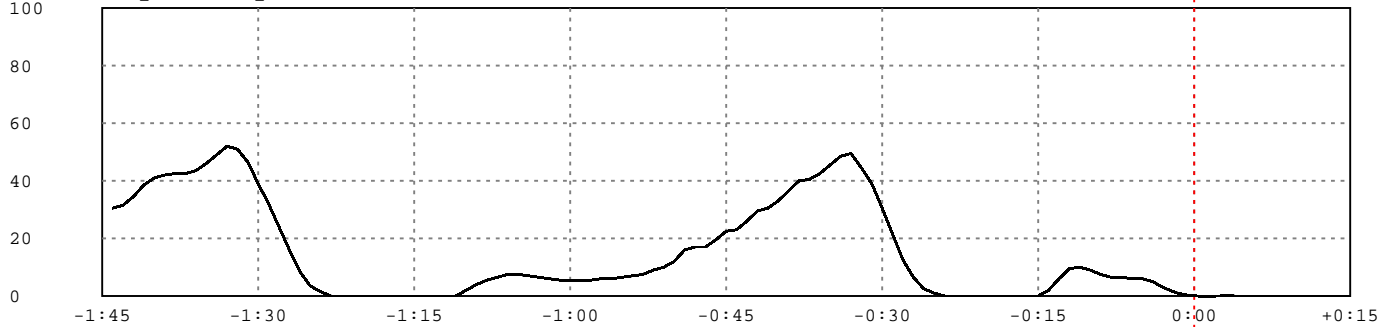
Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Trip Distance	567555.4 mi	Trip Time	12771:35:04
Trip Fuel	98076.07 gal	Fuel Consumption	7.68 gal/h
Fuel Economy	5.79 mpg	Idle Time	2276:42:40
Avg Drive Load	50 %	Idle Percent	17.83 %
Avg Vehicle Speed	54.2 mph	Idle Fuel	1311.95 gal
		Parked Regen Time	17:12:03

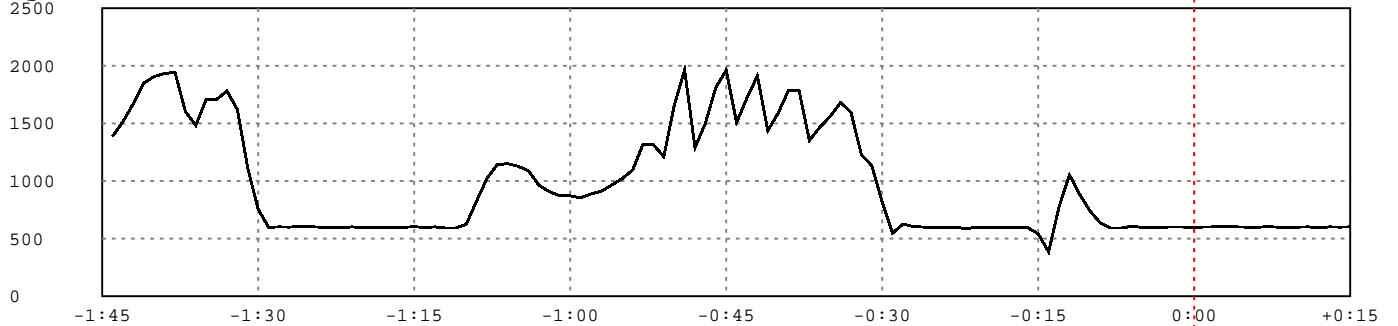
Last Stop Time: 07/03/13 13:20:27 (CST)

Last Stop Odometer: 567555.4 mi

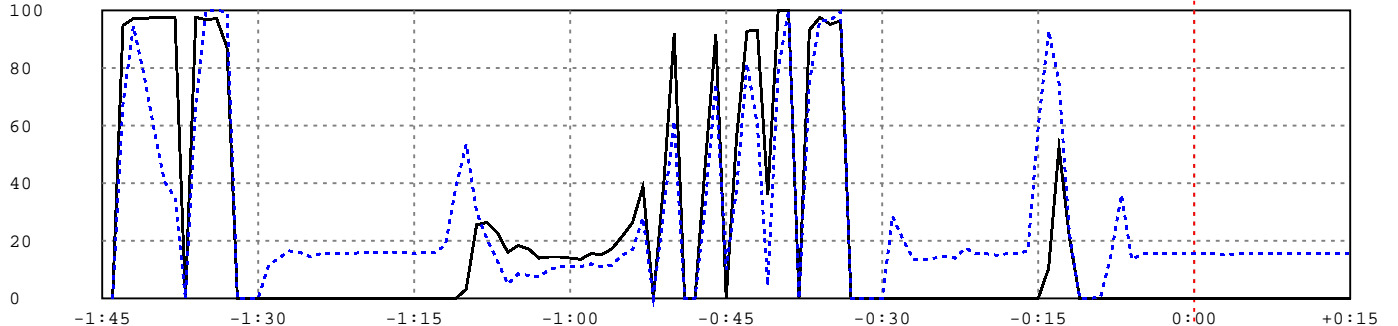
**Vehicle Speed (mph)**



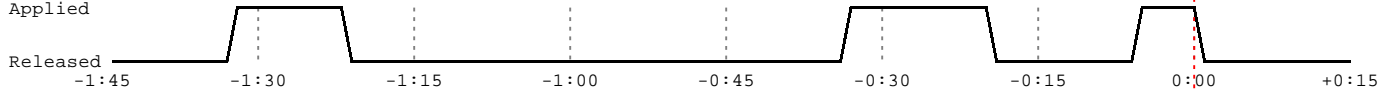
**Engine RPM**



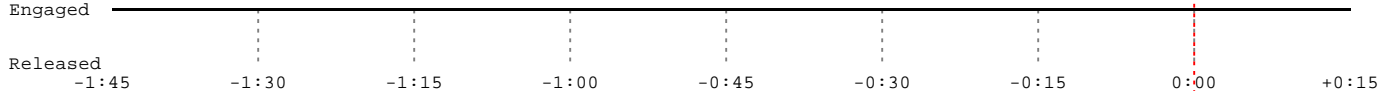
**Percent**



**Brake**



**Clutch**



# DDEC® Reports - Last Stop Record

Print Date: 7/5/2013 12:19 PM

Trip: - To 07/03/13 (CST)

University of Tulsa

Vehicle ID:

47504

800 S. Tucker Dr

Driver ID:

Tulsa, OK 74104

Odometer:

567555.4 mi

(918)631-3056

Engine S/N:

06R0992068

Trip Distance 567555.4 mi  
 Trip Fuel 98076.07 gal  
 Fuel Economy 5.79 mpg  
 Avg Drive Load 50 %  
 Avg Vehicle Speed 54.2 mph

Trip Time 12771:35:04  
 Fuel Consumption 7.68 gal/h  
 Idle Time 2276:42:40  
 Idle Percent 17.83 %  
 Idle Fuel 1311.95 gal  
 Parked Regen Time 17:12:03

Last Stop Time: 7/3/2013 1:20:27 PM (CST) Last Stop Odometer: 567555.4 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:44	30.5	1389	No	Yes	0.00	0.00	No	No
-1:43	31.5	1515	No	Yes	67.50	94.80	No	No
-1:42	34.5	1673	No	Yes	94.50	97.20	No	No
-1:41	38.5	1851	No	Yes	78.00	97.20	No	No
-1:40	41.0	1908	No	Yes	58.50	97.60	No	No
-1:39	42.0	1934	No	Yes	40.50	97.60	No	No
-1:38	42.5	1944	No	Yes	35.00	97.60	No	No
-1:37	42.5	1603	No	Yes	0.00	0.00	No	No
-1:36	43.5	1482	No	Yes	67.50	97.60	No	No
-1:35	46.0	1709	No	Yes	100.00	96.80	No	No
-1:34	49.0	1709	No	Yes	100.00	97.20	No	No
-1:33	52.0	1781	No	Yes	99.50	87.20	No	No
-1:32	51.0	1621	Yes	Yes	0.00	0.00	No	No
-1:31	46.5	1111	Yes	Yes	0.00	0.00	No	No
-1:30	39.0	754	Yes	Yes	0.00	0.00	No	No
-1:29	32.0	599	Yes	Yes	11.50	0.00	No	No
-1:28	24.0	602	Yes	Yes	14.00	0.00	No	No
-1:27	16.0	601	Yes	Yes	16.50	0.00	No	No
-1:26	8.5	603	Yes	Yes	16.00	0.00	No	No
-1:25	3.5	606	Yes	Yes	14.50	0.00	No	No
-1:24	1.5	598	Yes	Yes	15.50	0.00	No	No
-1:23	0.0	599	Yes	Yes	15.50	0.00	No	No
-1:22	0.0	600	Yes	Yes	15.50	0.00	No	No
-1:21	0.0	602	No	Yes	15.50	0.00	No	No
-1:20	0.0	598	No	Yes	16.00	0.00	No	No
-1:19	0.0	599	No	Yes	16.00	0.00	No	No
-1:18	0.0	600	No	Yes	16.00	0.00	No	No
-1:17	0.0	599	No	Yes	16.00	0.00	No	No
-1:16	0.0	599	No	Yes	16.00	0.00	No	No
-1:15	0.0	603	No	Yes	15.50	0.00	No	No
-1:14	0.0	598	No	Yes	16.00	0.00	No	No
-1:13	0.0	602	No	Yes	16.00	0.00	No	No
-1:12	0.0	592	No	Yes	18.50	0.00	No	No
-1:11	0.0	593	No	Yes	38.50	0.00	No	No
-1:10	2.0	624	No	Yes	53.50	3.20	No	No
-1:09	4.0	828	No	Yes	30.00	25.60	No	No
-1:08	5.5	1024	No	Yes	20.50	26.40	No	No
-1:07	6.5	1143	No	Yes	13.00	22.80	No	No
-1:06	7.5	1151	No	Yes	5.00	16.00	No	No
-1:05	7.5	1128	No	Yes	8.50	18.40	No	No

# DDEC® Reports - Last Stop Record

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Last Stop Time: 7/3/2013 1:20:27 PM (CST)      Last Stop Odometer: 567555.4 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:04	7.0	1089	No	Yes	8.00	17.20	No	No
-1:03	6.5	964	No	Yes	7.50	14.00	No	No
-1:02	6.0	908	No	Yes	10.00	14.40	No	No
-1:01	5.5	873	No	Yes	11.00	14.40	No	No
-1:00	5.5	871	No	Yes	11.00	14.00	No	No
-0:59	5.5	855	No	Yes	11.00	13.60	No	No
-0:58	5.5	888	No	Yes	12.00	15.60	No	No
-0:57	6.0	912	No	Yes	11.00	15.20	No	No
-0:56	6.0	965	No	Yes	11.50	17.20	No	No
-0:55	6.5	1022	No	Yes	15.00	21.60	No	No
-0:54	7.0	1095	No	Yes	17.00	26.40	No	No
-0:53	7.5	1319	No	Yes	28.00	38.80	No	No
-0:52	9.0	1316	No	Yes	0.00	0.00	No	No
-0:51	10.0	1212	No	Yes	31.00	40.00	No	No
-0:50	12.0	1656	No	Yes	61.50	92.00	No	No
-0:49	16.0	1964	No	Yes	0.00	0.00	No	No
-0:48	17.0	1289	No	Yes	0.00	0.00	No	No
-0:47	17.0	1502	No	Yes	33.50	47.20	No	No
-0:46	19.5	1812	No	Yes	74.50	91.60	No	No
-0:45	22.5	1962	No	Yes	10.00	0.00	No	No
-0:44	23.0	1507	No	Yes	38.00	56.00	No	No
-0:43	26.0	1723	No	Yes	81.50	92.80	No	No
-0:42	29.5	1913	No	Yes	60.00	93.20	No	No
-0:41	30.5	1438	No	Yes	4.50	36.00	No	No
-0:40	33.0	1590	No	Yes	79.50	100.00	No	No
-0:39	36.5	1788	No	Yes	100.00	100.00	No	No
-0:38	40.0	1789	No	Yes	0.00	0.00	No	No
-0:37	40.5	1353	No	Yes	75.00	93.20	No	No
-0:36	42.5	1467	No	Yes	96.50	97.60	No	No
-0:35	45.5	1562	No	Yes	96.50	95.20	No	No
-0:34	48.5	1683	No	Yes	99.50	96.40	No	No
-0:33	49.5	1596	Yes	Yes	0.00	0.00	No	No
-0:32	44.5	1228	Yes	Yes	0.00	0.00	No	No
-0:31	39.0	1134	Yes	Yes	0.00	0.00	No	No
-0:30	30.5	819	Yes	Yes	0.00	0.00	No	No
-0:29	21.5	548	Yes	Yes	28.50	0.00	No	No
-0:28	12.5	627	Yes	Yes	20.50	0.00	No	No
-0:27	6.5	605	Yes	Yes	13.50	0.00	No	No
-0:26	2.5	601	Yes	Yes	13.50	0.00	No	No
-0:25	1.0	596	Yes	Yes	14.00	0.00	No	No

# DDEC® Reports - Last Stop Record

Print Date: 7/5/2013 12:19 PM  
 University of Tulsa  
 800 S. Tucker Dr  
 Tulsa, OK 74104  
 (918)631-3056

Trip: - To 07/03/13 (CST)  
 Vehicle ID: 47504  
 Driver ID:  
 Odometer: 567555.4 mi  
 Engine S/N: 06R0992068

Last Stop Time: 7/3/2013 1:20:27 PM (CST)      Last Stop Odometer: 567555.4 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:24	0.0	595	Yes	Yes	14.50	0.00	No	No
-0:23	0.0	600	Yes	Yes	14.00	0.00	No	No
-0:22	0.0	589	Yes	Yes	17.50	0.00	No	No
-0:21	0.0	597	Yes	Yes	15.50	0.00	No	No
-0:20	0.0	599	Yes	Yes	15.50	0.00	No	No
-0:19	0.0	600	No	Yes	15.00	0.00	No	No
-0:18	0.0	596	No	Yes	15.50	0.00	No	No
-0:17	0.0	598	No	Yes	15.50	0.00	No	No
-0:16	0.0	595	No	Yes	16.50	0.00	No	No
-0:15	0.0	542	No	Yes	59.50	0.00	No	No
-0:14	2.0	385	No	Yes	93.00	10.40	No	No
-0:13	6.0	774	No	Yes	75.00	52.40	No	No
-0:12	9.5	1054	No	Yes	22.50	21.20	No	No
-0:11	10.0	882	No	Yes	0.00	0.00	No	No
-0:10	9.0	738	No	Yes	0.00	0.00	No	No
-0:09	7.5	634	No	Yes	0.50	0.00	No	No
-0:08	6.5	592	No	Yes	15.00	0.00	No	No
-0:07	6.5	593	No	Yes	36.00	0.00	No	No
-0:06	6.0	608	No	Yes	13.50	0.00	No	No
-0:05	6.0	599	Yes	Yes	15.50	0.00	No	No
-0:04	5.0	600	Yes	Yes	15.50	0.00	No	No
-0:03	3.0	599	Yes	Yes	15.50	0.00	No	No
-0:02	1.5	602	Yes	Yes	15.50	0.00	No	No
-0:01	0.5	600	Yes	Yes	15.50	0.00	No	No
0:00	0.0	601	Yes	Yes	15.50	0.00	No	No
+0:01	0.0	601	No	Yes	15.50	0.00	No	No
+0:02	0.0	603	No	Yes	15.50	0.00	No	No
+0:03	0.0	605	No	Yes	15.00	0.00	No	No
+0:04	0.0	602	No	Yes	15.50	0.00	No	No
+0:05	0.0	601	No	Yes	15.50	0.00	No	No
+0:06	0.0	600	No	Yes	15.50	0.00	No	No
+0:07	0.0	603	No	Yes	15.50	0.00	No	No
+0:08	0.0	601	No	Yes	15.50	0.00	No	No
+0:09	0.0	599	No	Yes	15.50	0.00	No	No
+0:10	0.0	601	No	Yes	15.50	0.00	No	No
+0:11	0.0	602	No	Yes	15.50	0.00	No	No
+0:12	0.0	597	No	Yes	15.50	0.00	No	No
+0:13	0.0	602	No	Yes	15.50	0.00	No	No
+0:14	0.0	601	No	Yes	15.50	0.00	No	No
+0:15	0.0	602	No	Yes	15.50	0.00	No	No