



TECHNICAL RECONSTRUCTION GROUP  
FACTUAL REPORT ATTACHMENT

ATTACHMENT 1: DETROIT DIESEL ELECTRONIC CONTROLLER (DDEC)  
DOWNLOAD REPORT FOR 2014 FREIGHTLINER

Williston, FL  
HWY16FH018

(41 pages)

# DDEC® Reports - Trip Activity

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC  
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 ( ) -  
 Vehicle ID:  
 Driver ID:  
 Odometer: 301509.9 mi  
 Engine S/N: 471927S0178542

Trip Distance 47824.1 mi	Trip Time 968:51:40
Trip Fuel 7962.27 gal	Fuel Consumption 8.22 gal/h
Fuel Economy 6.01 mpg	Idle Time 137:16:01
Avg Drive Load 47 %	Idle Percent 14.17 %
Avg Vehicle Speed 58.1 mph	Idle Fuel 262.40 gal
	Parked Regen Time 9:01:39

**Driving**  
 Time 822:34:00  
 Percent 84.90 %  
 Fuel 7699.88 gal  
 Economy 6.21 mpg

**Stop Idle**  
 Time 78:33:29  
 Percent 8.11 %  
 Fuel 134.38 gal

**Vehicle Speed Limiting**  
 Time 37:37:04  
 Percent 4.57 %  
 Distance 2763.4 mi  
 Fuel 370.63 gal

**Over Rev Limit 1800 rpm**  
 Count 805  
 Time 1:25:18  
 Percent 0.15 %  
**Highest RPM 2336 rpm**  
 Occurred 12/13/15 10:49:43 (EST)

**Top Gear**  
 Time 484:29:19  
 Percent 58.90 %  
 Distance 33840.0 mi  
 Fuel 4866.50 gal

**Diag. Records 552**  
**Hard Brake Count 25**  
**Firm Brake Count 1137**  
**Brake Count 14956**  
**Eng. Brake Time 29:24:21**

**Top Gear - 1**  
 Time 159:12:04  
 Percent 19.35 %  
 Distance 9206.1 mi  
 Fuel 1676.25 gal

**Fan On Time**  
 Total Time 21:04:44  
 Engine System 1:20:06  
 Manual 8:32:12  
 A/C 8:19:57  
 DPF Fan Time 2:52:29

**Cruise**  
 Time 399:52:54  
 Percent 48.61 %  
 Distance 27994.1 mi  
 Fuel 4378.50 gal

**Engine Utilization 13.74 %**  
**Vehicle Utilization 11.66 %**

**Top Gear Cruise**  
 Time 343:56:35  
 Percent 41.81 %  
 Distance 24518.1 mi  
 Fuel 3642.13 gal

**DPF Regeneration**  
 Parked Completed 23  
 Parked Regen Fuel 35.77 gal  
 Driving Completed 5  
 Driving Regen Fuel 9.66 gal

**Speeding A(>=66 and <71 mph)**  
 Count 14593  
 Time 183:27:31  
 Percent 22.30 %

**Diesel Exhaust Fluid (DEF)**  
 Trip Fluid 222.40 gal  
 Trip Percent 2.79 %  
 Trip Economy 215.04 mpg  
 Driving Fluid 218.69 gal  
 Driving Economy 218.69 mpg

**Speeding B(>=71 mph)**  
 Count 7202  
 Time 198:54:24  
 Percent 24.18 %

**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 82.5 mph**  
 Occurred 03/01/16 21:53:07 (EST)

**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 - Trip Activity

Print Date: 5/10/2016 10:02 AM

DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

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Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

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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	26:35:22
Percent	2.74 %
Total Fuel	41.25 gal
Working Time	0:24:36
Working Fuel	1.00 gal

# DDEC® Reports - Monthly Activity

Print Date: 5/10/2016 10:02 AM

Partial Month: April, 2016 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

Trip Distance	2135.9 mi	Trip Time	45:46:24
Trip Fuel	346.38 gal	Fuel Consumption	7.57 gal/h
Fuel Economy	6.17 mpg	Idle Time	6:18:49
Avg Drive Load	43 %	Idle Percent	13.79 %
Avg Vehicle Speed	54.1 mph	Idle Fuel	9.50 gal
		Parked Regen Time	0:00:00

**Driving**

Time	39:27:35
Percent	86.21 %
Fuel	336.88 gal
Economy	6.34 mpg

**Stop Idle**

Time	3:02:31
Percent	6.65 %
Fuel	4.50 gal

**Vehicle Speed Limiting**

Time	1:10:24
Percent	2.97 %
Distance	88.3 mi
Fuel	9.50 gal

**Over Rev Limit**

Count	36
Time	0:03:26
Percent	0.13 %

**Highest RPM**

2246 rpm  
Occurred 04/28/16 9:15:03 (EST)

**Top Gear**

Time	21:13:43
Percent	53.80 %
Distance	1472.6 mi
Fuel	202.00 gal

**Diag. Records**

Diag. Records	6
Hard Brake Count	1
Firm Brake Count	79
Brake Count	947
Eng. Brake Time	1:45:29

**Top Gear - 1**

Time	6:45:30
Percent	17.13 %
Distance	390.2 mi
Fuel	69.75 gal

**Fan On Time**

Total Time	0:55:39
Engine System	0:18:09
Manual	0:00:00
A/C	0:37:30
DPF Fan Time	0:00:00

**Cruise**

Time	16:31:52
Percent	41.89 %
Distance	1165.8 mi
Fuel	175.50 gal

**Engine Utilization**

6.58 %

**Vehicle Utilization**

5.67 %

**DPF Regeneration**

Parked Completed	0
Parked Regen Fuel	0.00 gal
Driving Completed	0
Driving Regen Fuel	0.07 gal

**Top Gear Cruise**

Time	14:49:46
Percent	37.58 %
Distance	1055.4 mi
Fuel	150.25 gal

**Diesel Exhaust Fluid (DEF)**

Trip Fluid	8.99 gal
Trip Percent	2.59 %
Trip Economy	237.63 mpg
Driving Fluid	8.88 gal
Driving Economy	240.56 mpg

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

Count	642
Time	7:31:05
Percent	19.05 %

**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

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

Count	307
Time	8:21:44
Percent	21.19 %

**Optimized Idle Battery Charging Starts**

Normal Count	0
Alternate Count	0
Continuous Run	0

**Highest Speed**

79.5 mph

Occurred 04/29/16 23:20:02 (EST)

**Coasting Time**

0:00:00

**Coasting Percent**

0.00 %

# DDEC® Reports - Monthly Activity

Print Date: 5/10/2016 10:02 AM

Partial Month: April, 2016 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

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Trip Distance	2135.9 mi	Trip Time	45:46:24
Trip Fuel	346.38 gal	Fuel Consumption	7.57 gal/h
Fuel Economy	6.17 mpg	Idle Time	6:18:49
Avg Drive Load	43 %	Idle Percent	13.79 %
Avg Vehicle Speed	54.1 mph	Idle Fuel	9.50 gal
		Parked Regen Time	0:00:00

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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	0:50:24
Percent	1.84 %
Total Fuel	1.38 gal
Working Time	0:00:52
Working Fuel	0.13 gal

# DDEC® Reports - Monthly Activity

Print Date: 5/10/2016 10:02 AM

Month: April, 2016 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

Trip Distance	4402.1 mi	Trip Time	85:50:06
Trip Fuel	702.00 gal	Fuel Consumption	8.18 gal/h
Fuel Economy	6.27 mpg	Idle Time	11:06:59
Avg Drive Load	45 %	Idle Percent	12.95 %
Avg Vehicle Speed	58.9 mph	Idle Fuel	18.50 gal
		Parked Regen Time	0:00:00

**Driving**

Time	74:43:07
Percent	87.05 %
Fuel	683.50 gal
Economy	6.44 mpg

**Stop Idle**

Time	6:11:13
Percent	7.21 %
Fuel	10.63 gal

**Vehicle Speed Limiting**

Time	6:20:40
Percent	8.49 %
Distance	471.1 mi
Fuel	65.00 gal

**Over Rev Limit**

Count	81
Time	0:08:01
Percent	0.16 %

**Highest RPM**

2248 rpm  
Occurred 04/27/16 0:02:43 (EST)

**Top Gear**

Time	45:32:34
Percent	60.95 %
Distance	3222.6 mi
Fuel	453.88 gal

**Diag. Records**

Diag. Records	0
Hard Brake Count	2
Firm Brake Count	132
Brake Count	1342
Eng. Brake Time	2:44:46

**Top Gear - 1**

Time	13:17:50
Percent	17.80 %
Distance	767.4 mi
Fuel	131.88 gal

**Fan On Time**

Total Time	1:43:05
Engine System	0:16:06
Manual	0:00:00
A/C	1:26:59
DPF Fan Time	0:00:00

**Cruise**

Time	39:00:50
Percent	52.21 %
Distance	2759.2 mi
Fuel	415.75 gal

**Engine Utilization**

12.33 %

**Vehicle Utilization**

10.74 %

**Top Gear Cruise**

Time	34:03:04
Percent	45.57 %
Distance	2456.9 mi
Fuel	359.38 gal

**DPF Regeneration**

Parked Completed	0
Parked Regen Fuel	0.00 gal
Driving Completed	1
Driving Regen Fuel	1.99 gal

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

Count	1196
Time	15:05:50
Percent	20.21 %

**Diesel Exhaust Fluid (DEF)**

Trip Fluid	18.84 gal
Trip Percent	2.68 %
Trip Economy	233.69 mpg
Driving Fluid	18.52 gal
Driving Economy	237.74 mpg

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

Count	651
Time	23:06:24
Percent	30.92 %

**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** 79.0 mph

Occurred 04/18/16 16:30:39 (EST)

**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: 5/10/2016 10:02 AM

DDC		Month:	April, 2016 (EST)
		Vehicle ID:	
		Driver ID:	
, -		Odometer:	301509.9 mi
( ) -		Engine S/N:	471927S0178542
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Trip Distance	4402.1 mi	Trip Time	85:50:06
Trip Fuel	702.00 gal	Fuel Consumption	8.18 gal/h
Fuel Economy	6.27 mpg	Idle Time	11:06:59
Avg Drive Load	45 %	Idle Percent	12.95 %
Avg Vehicle Speed	58.9 mph	Idle Fuel	18.50 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	2:25:30
Percent	2.83 %
Total Fuel	4.00 gal
Working Time	0:03:07
Working Fuel	0.13 gal

# DDEC® Reports - Monthly Activity

Print Date: 5/10/2016 10:02 AM

Month: February, 2016 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

Trip Distance	6135.3 mi	Trip Time	113:25:07
Trip Fuel	994.00 gal	Fuel Consumption	8.76 gal/h
Fuel Economy	6.17 mpg	Idle Time	13:22:04
Avg Drive Load	48 %	Idle Percent	11.79 %
Avg Vehicle Speed	61.3 mph	Idle Fuel	20.63 gal
		Parked Regen Time	0:00:00

**Driving**

Time	100:03:03
Percent	88.21 %
Fuel	973.38 gal
Economy	6.30 mpg

**Stop Idle**

Time	7:32:02
Percent	6.64 %
Fuel	12.38 gal

**Vehicle Speed Limiting**

Time	3:54:32
Percent	3.91 %
Distance	288.2 mi
Fuel	35.75 gal

**Over Rev Limit**

Count	119
Time	0:10:50
Percent	0.16 %

**Highest RPM**

2203 rpm  
Occurred 03/16/16 1:42:46 (EST)

**Top Gear**

Time	63:49:39
Percent	63.80 %
Distance	4440.1 mi
Fuel	618.63 gal

**Diag. Records**

Diag. Records	0
Hard Brake Count	2
Firm Brake Count	105
Brake Count	1340
Eng. Brake Time	3:33:58

**Top Gear - 1**

Time	20:42:24
Percent	20.70 %
Distance	1246.5 mi
Fuel	240.25 gal

**Fan On Time**

Total Time	1:14:13
Engine System	0:08:41
Manual	0:00:00
A/C	1:05:32
DPF Fan Time	0:00:00

**Cruise**

Time	56:41:07
Percent	56.66 %
Distance	3930.7 mi
Fuel	602.75 gal

**Engine Utilization**

16.88 %

**Vehicle Utilization**

14.89 %

**DPF Regeneration**

Parked Completed	0
Parked Regen Fuel	0.00 gal
Driving Completed	1
Driving Regen Fuel	1.30 gal

**Top Gear Cruise**

Time	46:34:50
Percent	46.56 %
Distance	3300.4 mi
Fuel	471.00 gal

**Diesel Exhaust Fluid (DEF)**

Trip Fluid	27.54 gal
Trip Percent	2.77 %
Trip Economy	222.77 mpg
Driving Fluid	27.24 gal
Driving Economy	225.21 mpg

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

Count	2046
Time	26:34:42
Percent	26.56 %

**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

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

Count	940
Time	24:03:19
Percent	24.04 %

**Optimized Idle Battery Charging Starts**

Normal Count	0
Alternate Count	0
Continuous Run	0

**Highest Speed**

82.5 mph  
Occurred 03/01/16 21:53:07 (EST)

**Coasting Time**

0:00:00

**Coasting Percent**

0.00 %



# DDEC® Reports - Monthly Activity

Print Date: 5/10/2016 10:02 AM

DDC		Month:	February, 2016 (EST)
		Vehicle ID:	
		Driver ID:	
, -		Odometer:	301509.9 mi
( ) -		Engine S/N:	471927S0178542
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Trip Distance	6135.3 mi	Trip Time	113:25:07
Trip Fuel	994.00 gal	Fuel Consumption	8.76 gal/h
Fuel Economy	6.17 mpg	Idle Time	13:22:04
Avg Drive Load	48 %	Idle Percent	11.79 %
Avg Vehicle Speed	61.3 mph	Idle Fuel	20.63 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	3:39:43
Percent	3.23 %
Total Fuel	5.38 gal
Working Time	0:01:44
Working Fuel	0.13 gal

# DDEC® Reports - Configuration

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC	Vehicle ID:
	Driver ID:
	Odometer: 301509.9 mi
	Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

Hard Brake Limit	7.0 mph/s		
Stop Idle Limit	5 min		
Top Gear Limit	21 rpm/mph		
Top Gear-1 Limit	24 rpm/mph	Learned On:	04/28/2016 (EST)
ECM S/W	R34_00_000A		
ECM Type	DDEC-CPC4		
Config. Change	-		
Idle Method	VSS		
Idle-Load Limit	-		
Idle-RPM Limit	-		
Working PTO RPM Limit	900 rpm		
Working PTO Load Limit	30 %		
Firm Brake Limit	4 mph/s		
Reset Lockout	No		
Fleet Time Zone	-5.0 h		
Maintenance Visual Reminder:			
Enable	No		
Percent	-		

Vehicle Speed Bands (mph)	10	20	30	40	50	55	60	66	71
Engine Speed Bands (rpm)	700	1000	1200	1300	1400	1500	1600	1700	1800
Percent Load Bands (%)	10	20	30	40	50	60	70	80	90

Trip Reset Status 4 Extracted but did not reset!

# DDEC® Reports - Life-To-Date

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

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Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

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Total Distance	301509.9 mi
Total Time	8305:44:43
Total Fuel	51366.05 gal
Overall Fuel Economy	5.87 mpg
Avg Vehicle Speed	36.30 mph
Idle Time	3071:36:56
Idle Percent	36.98 %
Idle Fuel	3852.10 gal
Total CPC Time	968:51:40
VSG(PTO) Total Time	2216:07:36
VSG(PTO) Percent	26.68 %
VSG(PTO) Total Fuel	2831.00 gal
VSG(PTO) Working Time	4:38:40
VSG(PTO) Working Fuel	13.88 gal
Cruise Percent	44.30 %
Cruise Time	2318:54:04
Eng. Brake Time	220:18:54
Revolutions/mi	1920
Average RPM	1161

Avg. Drive Load 46 %

### Optimized Idle Time

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	805:08:07
Engine System	33:11:31
Manual	463:01:42
A/C	308:54:54
DPF Fan Time	4:42:14

### Peak Road Speed 86.0 mph

Occurred 01/01/85 08:55 (EST)

### Peak Engine RPM 2335 rpm

Occurred 12/13/15 10:49 (EST)

Parked Regen Fuel	62.10 gal
Driving Regen Fuel	103.33 gal
Parked Regen Time	16:20:41

### Diesel Exhaust Fluid (DEF)

Total Fluid	1395.88 gal
Total Percent	2.72 %
Total Economy	216.00 mpg
Driving Fluid	1368.13 gal
Driving Economy	220.38 mpg

### DPF Regeneration

Parked Completed	50
Occurred	09/29/15 08:57 (EST)
Driving Completed	59
Occurred	04/27/16 15:15 (EST)

### Predictive Cruise Control

Time	0:00:00
Percent	0.00 %

# DDEC® Reports - Vehicle Speed/RPM

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC

Vehicle ID:

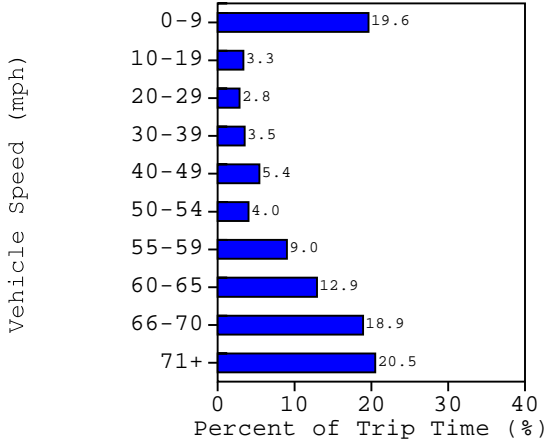
Driver ID:

Odometer: 301509.9 mi

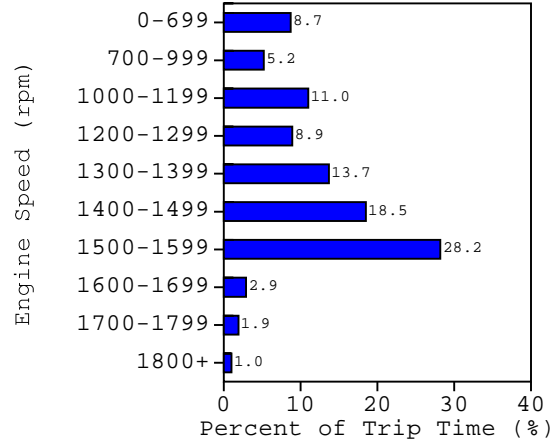
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

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	8.2	0.5									8.7
700- 999	4.1	0.5	0.1	0.3	0.1						5.2
1000-1199	4.5	0.8	0.8	1.7	2.9	0.1	0.1				11.0
1200-1299	1.7	0.4	0.6	0.9	0.7	1.7	2.3	0.7			8.9
1300-1399	0.6	0.4	0.5		0.7	1.4	2.6	7.4			13.7
1400-1499	0.2	0.2	0.5	0.1	0.5		3.3	2.6	11.1		18.5
1500-1599	0.1	0.1	0.2	0.3	0.4	0.1		1.6	5.9	19.5	28.2
1600-1699	0.1	0.1		0.1		0.5		0.3	1.3	0.5	2.9
1700-1799		0.1		0.1		0.3	0.2		0.6	0.5	1.9
1800+		0.1		0.1			0.4	0.3			1.0
Total	19.6	3.3	2.8	3.5	5.4	4.0	9.0	12.9	18.9	20.5	
Brakes	3383	2654	1773	2045	1717	718	725	763	907	271	14956
Hard Brakes			4	4	7	1	4	3		2	25
Firm Brakes		34	374	376	169	80	47	34	18	5	1137

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

# DDEC® Reports - Engine Load/RPM

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC

Vehicle ID:

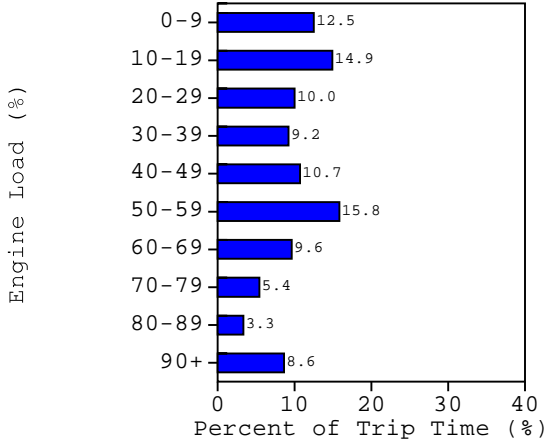
Driver ID:

Odometer: 301509.9 mi

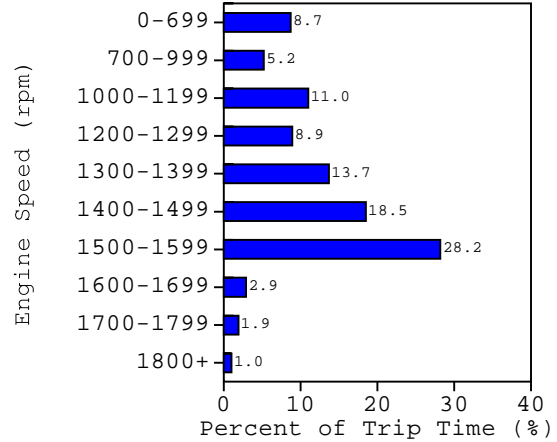
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

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	0.9	2.9	3.4	1.5	0.1						8.7
700- 999	0.8	2.9	1.0	0.3	0.1	0.1					5.2
1000-1199	2.6	4.2	1.1	0.9	0.6	0.5	0.4	0.3	0.2	0.1	11.0
1200-1299	1.5	2.0	0.9	1.0	1.0	0.8	0.7	0.5	0.3	0.3	8.9
1300-1399	1.8	1.2	1.4	1.8	2.1	1.8	1.3	0.9	0.6	0.9	13.7
1400-1499	2.2	1.0	1.4	2.0	2.7	3.0	2.1	1.4	0.9	1.7	18.5
1500-1599	1.6	0.6	0.9	1.6	4.0	9.4	4.8	1.9	1.0	2.4	28.2
1600-1699	0.5			0.1	0.1	0.2	0.2	0.1	0.1	1.5	2.9
1700-1799	0.2						0.1	0.1	0.1	1.2	1.9
1800+	0.4									0.5	1.0
Total	12.5	14.9	10.0	9.2	10.7	15.8	9.6	5.4	3.3	8.6	

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

# DDEC® Reports - Over Speed/Over Rev

Print Date: 5/10/2016 10:02 AM

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

DDC

Vehicle ID:

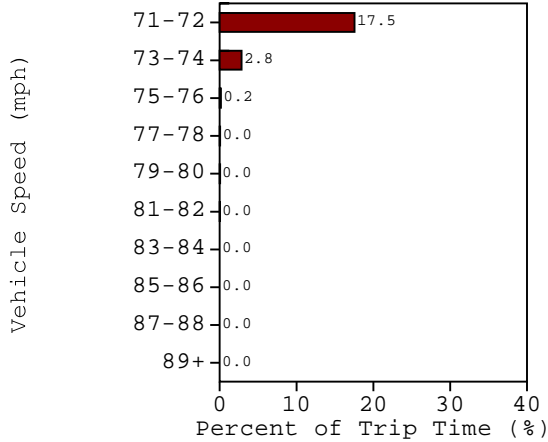
Driver ID:

Odometer: 301509.9 mi

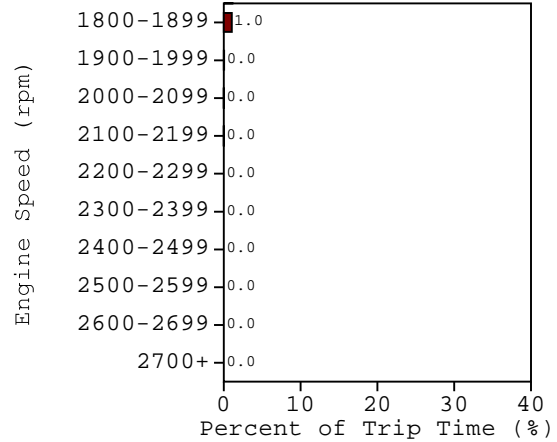
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

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+
17.51	2.83	0.16	0.03	<0.005	<0.005				

Engine Speed(rpm)

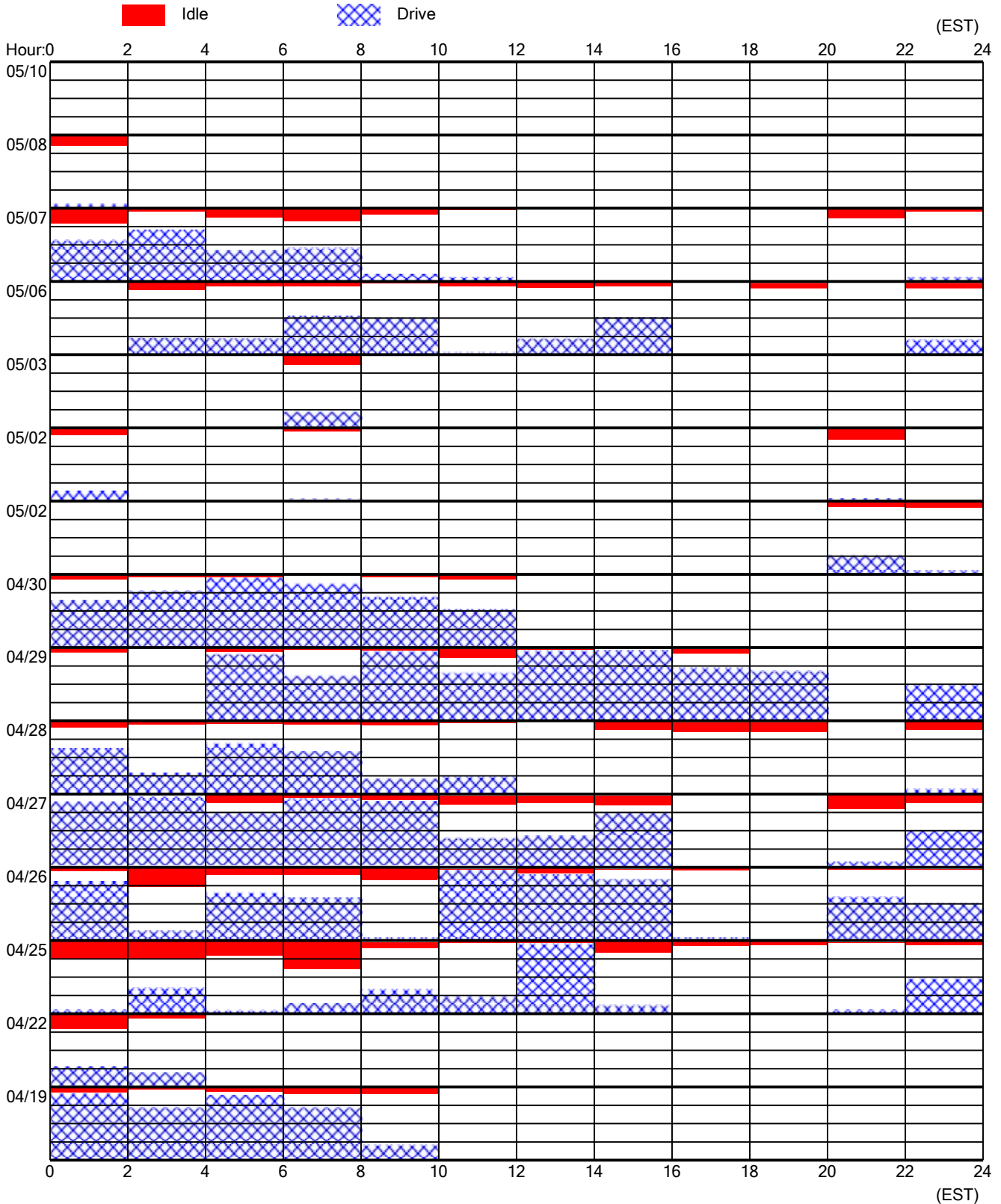
1800-1899	1900-1999	2000-2099	2100-2199	2200-2299	2300-2399	2400-2499	2500-2599	2600-2699	2700+
1.00	0.02	<0.005	<0.005						

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

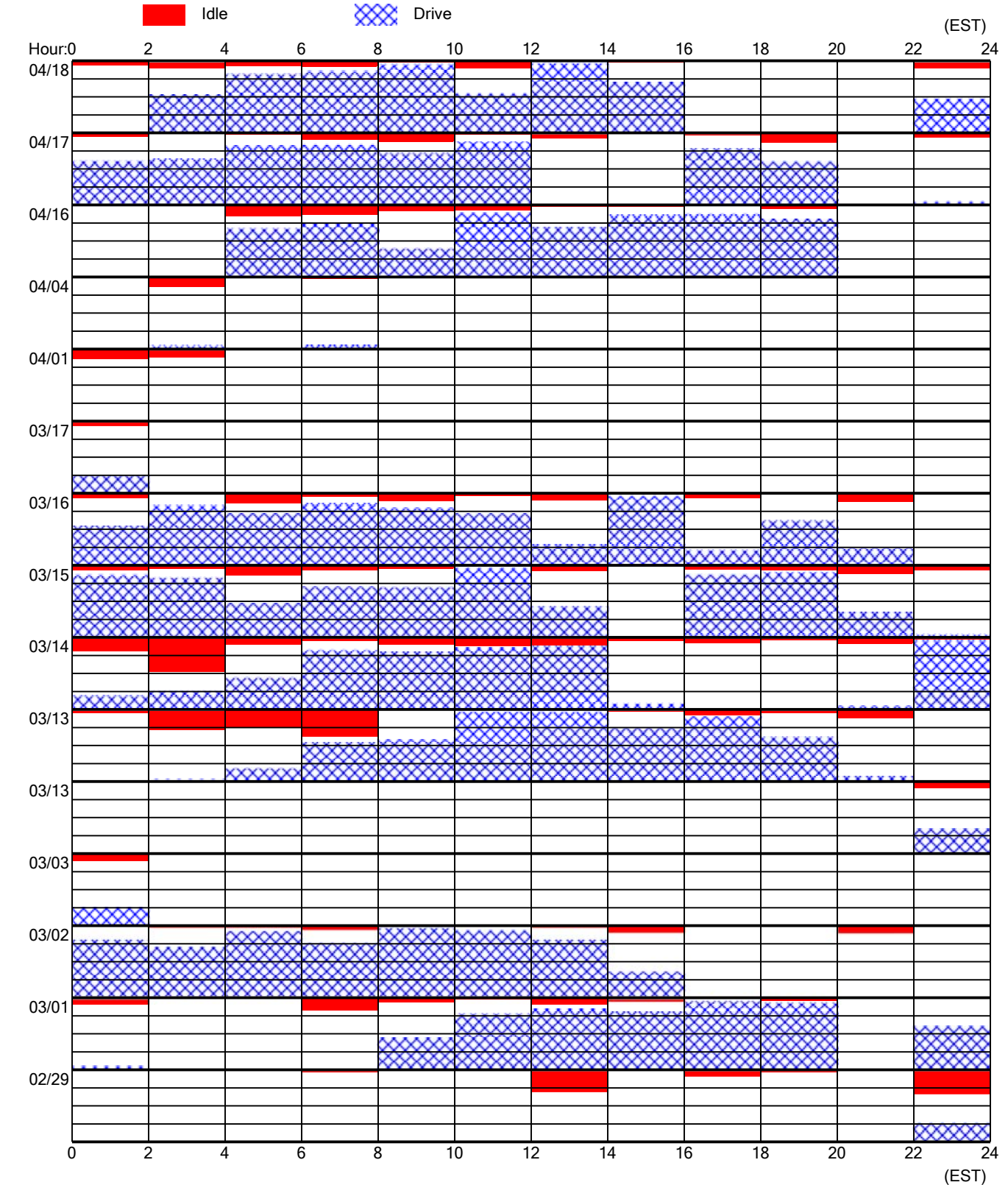


# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542





# DDEC® Reports - Daily Engine Usage

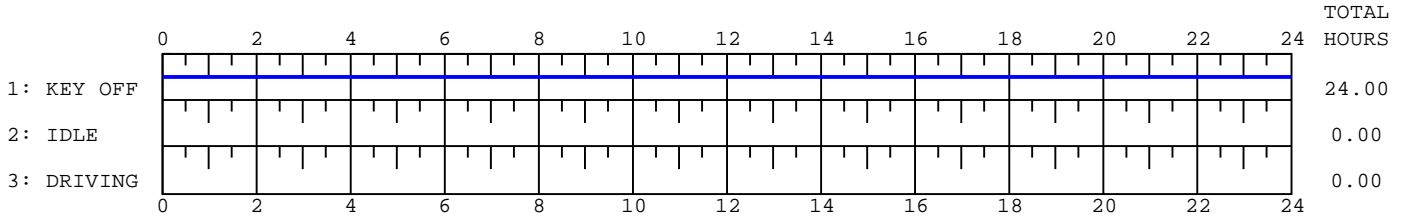
Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

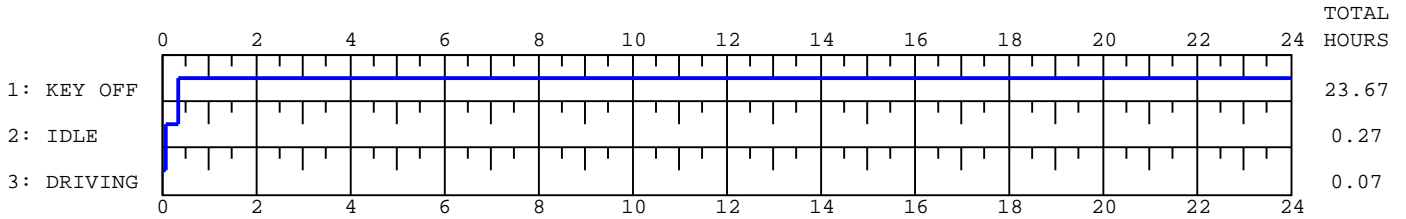
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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

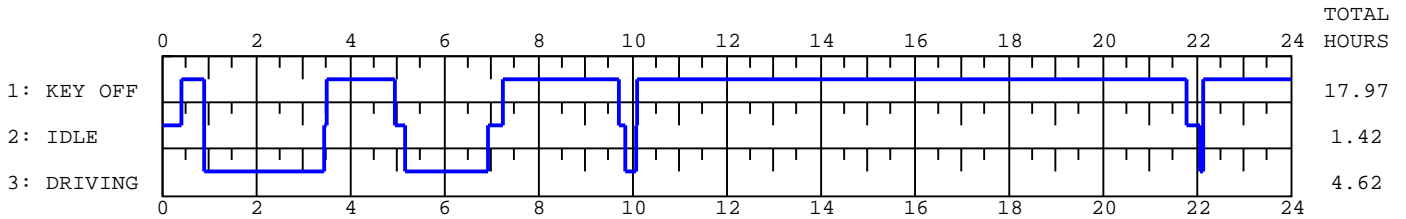
(5/10/2016)



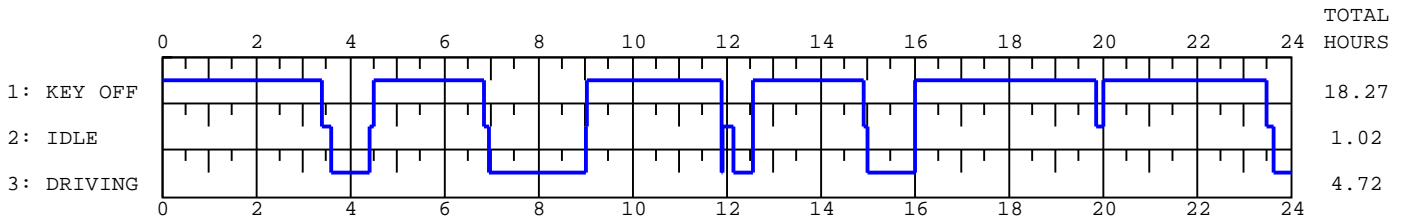
(5/8/2016)



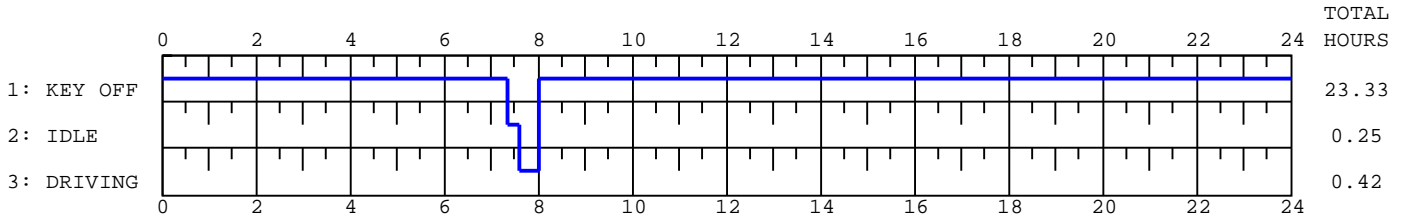
(5/7/2016)



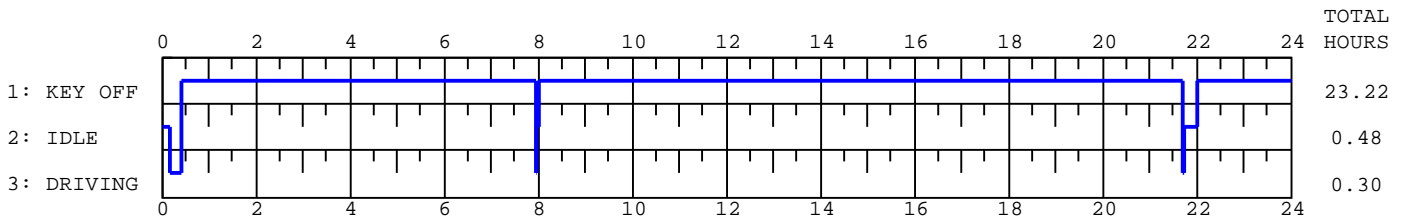
(5/6/2016)



(5/3/2016)



(5/2/2016)



# DDEC® Reports - Daily Engine Usage

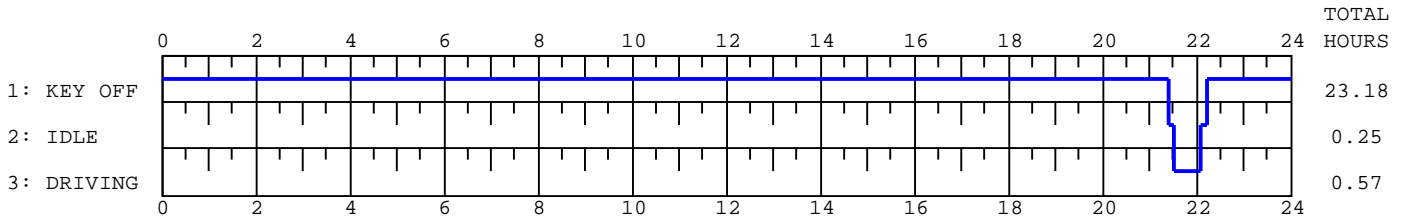
Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

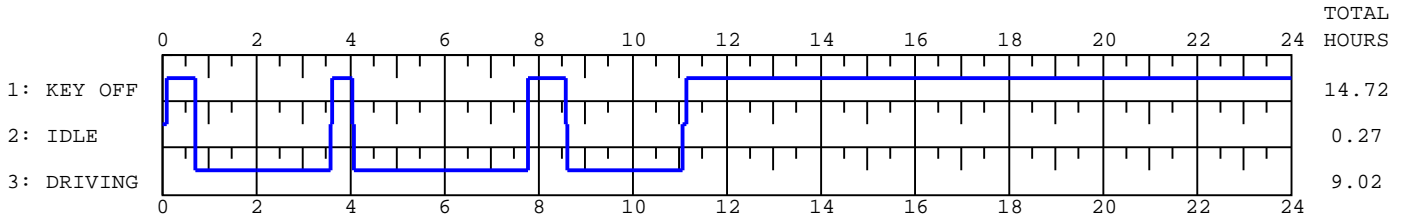
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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

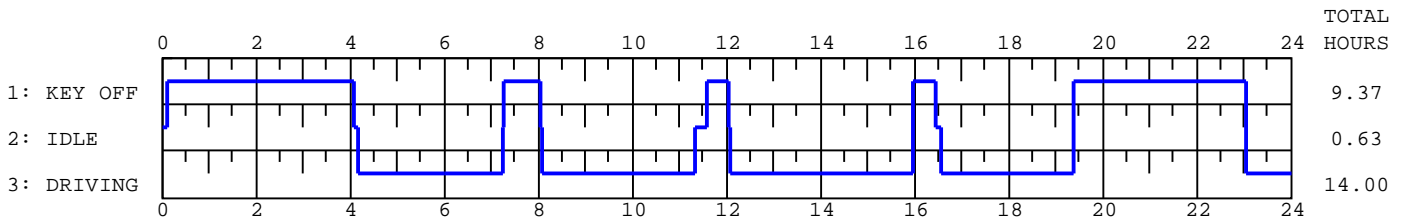
(5/2/2016)



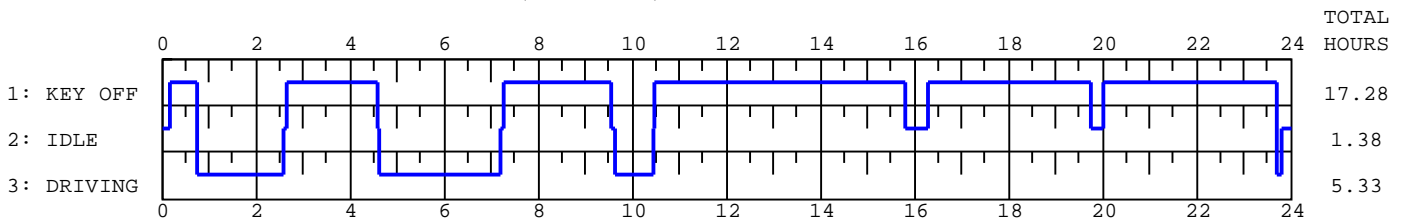
(4/30/2016)



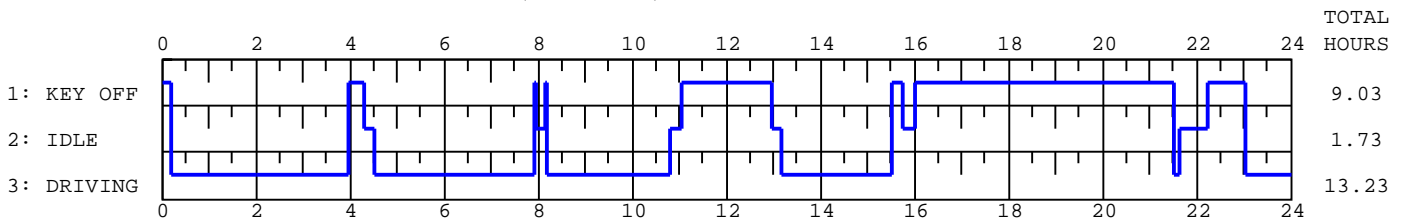
(4/29/2016)



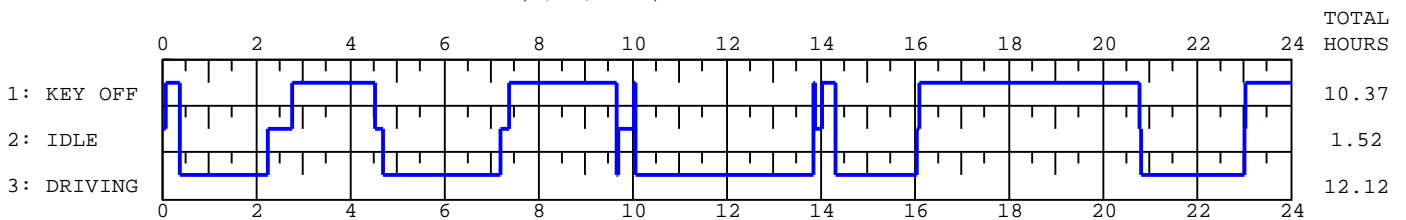
(4/28/2016)



(4/27/2016)



(4/26/2016)



# DDEC® Reports - Daily Engine Usage

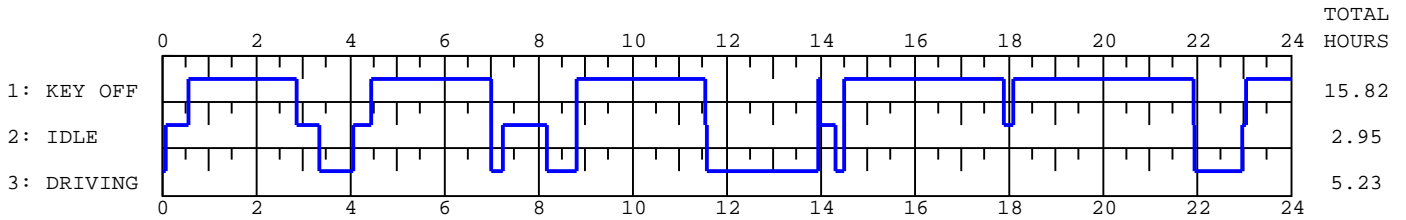
Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

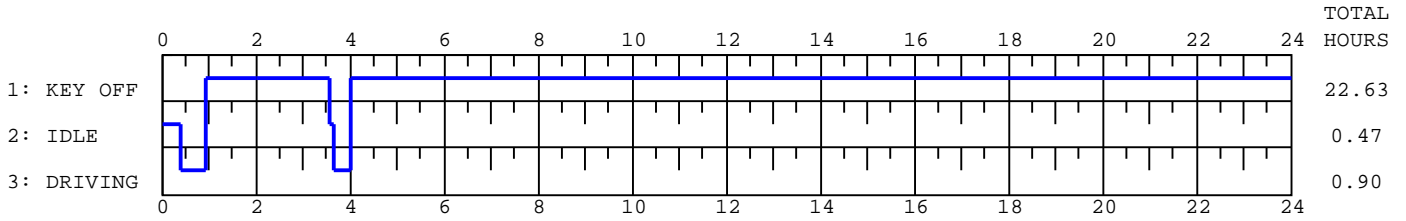
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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

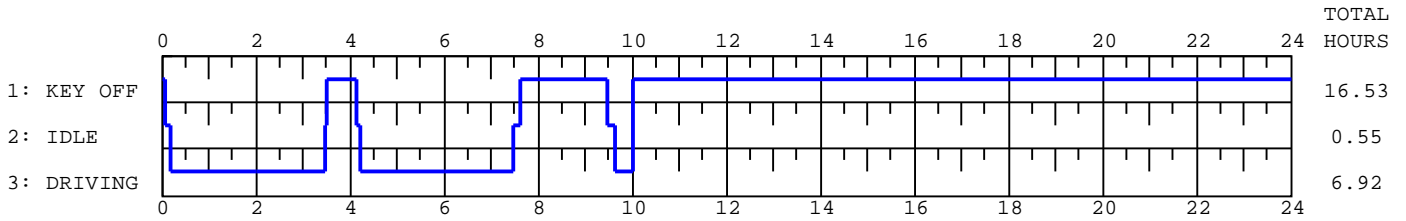
(4/25/2016)



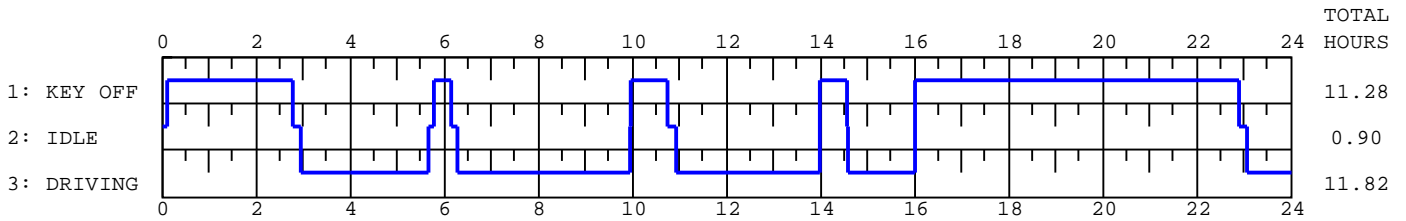
(4/22/2016)



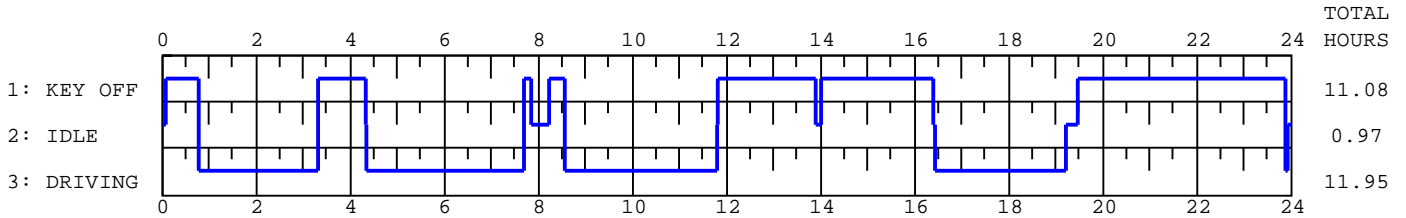
(4/19/2016)



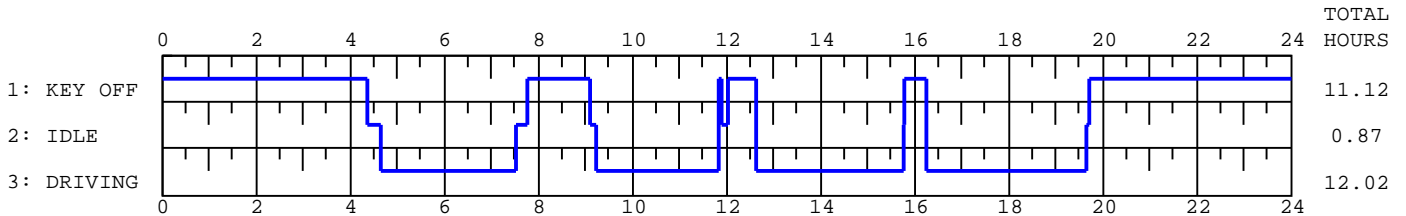
(4/18/2016)



(4/17/2016)



(4/16/2016)



# DDEC® Reports - Daily Engine Usage

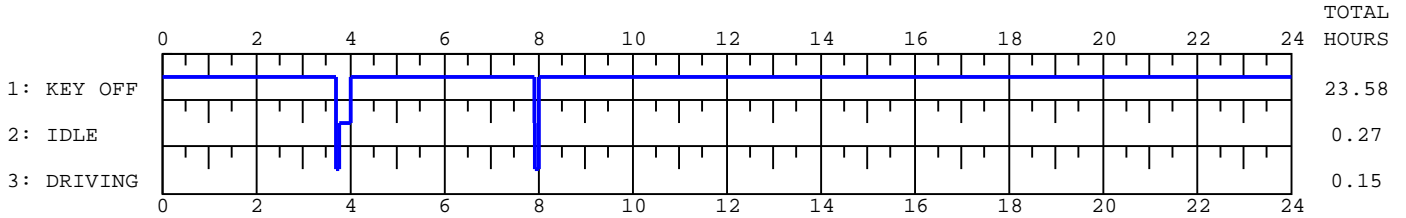
Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

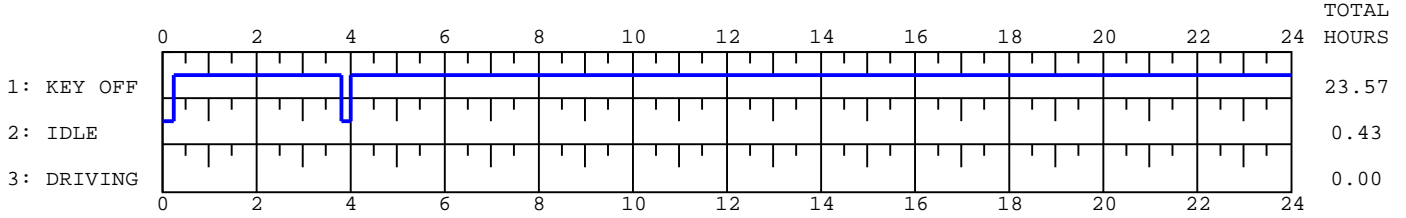
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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

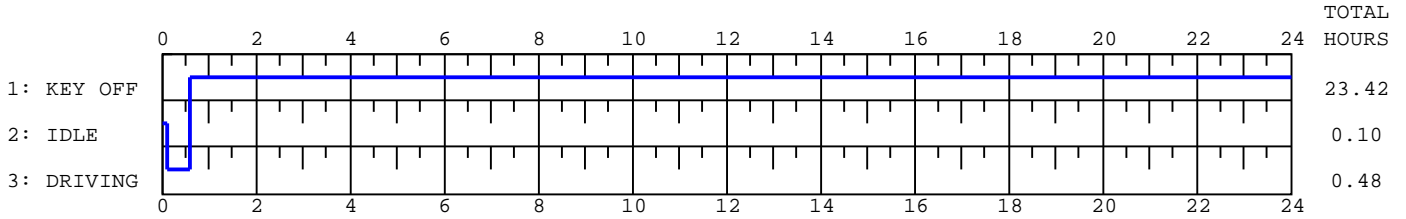
(4/4/2016)



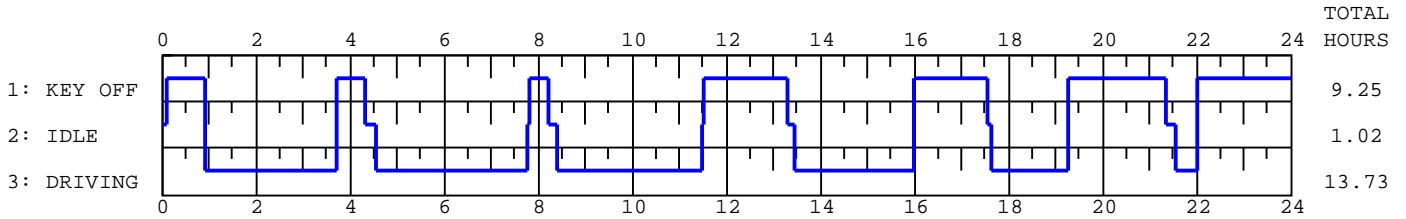
(4/1/2016)



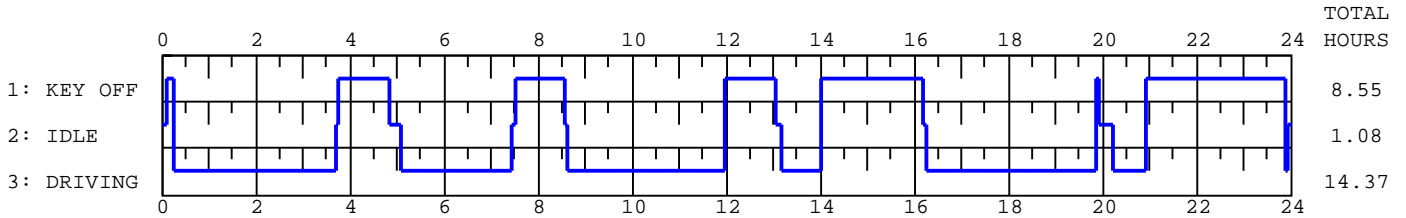
(3/17/2016)



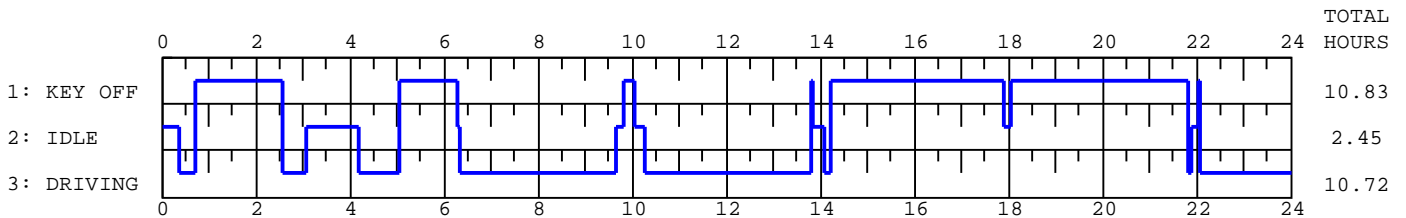
(3/16/2016)



(3/15/2016)



(3/14/2016)



# DDEC® Reports - Daily Engine Usage

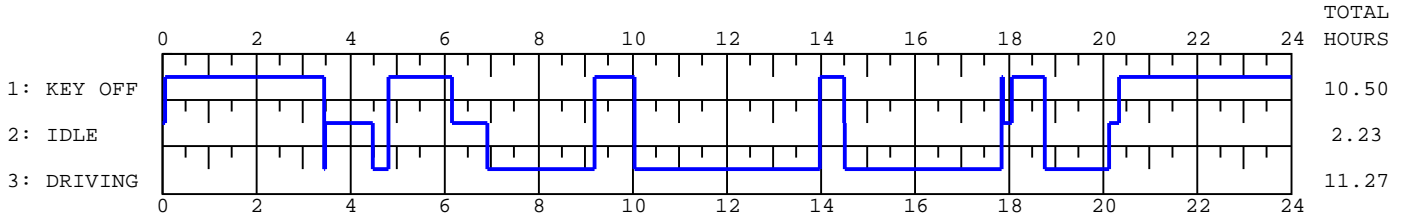
Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

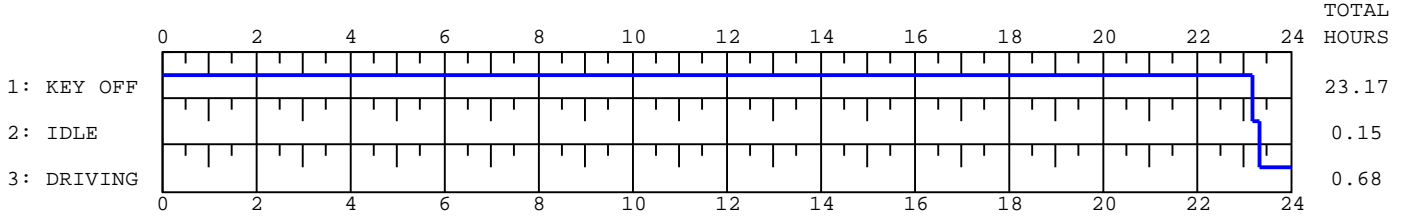
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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

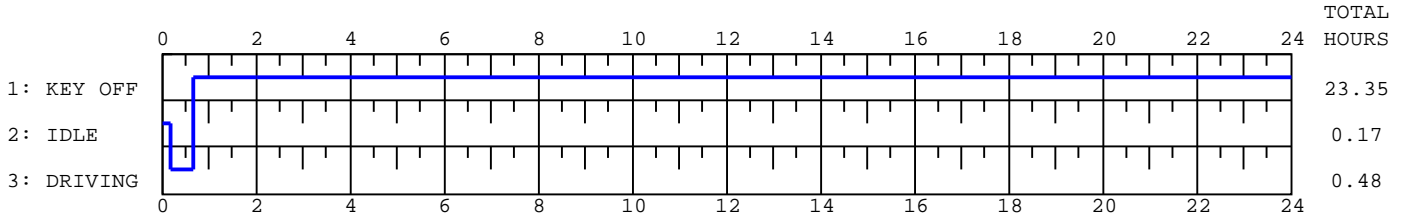
(3/13/2016)



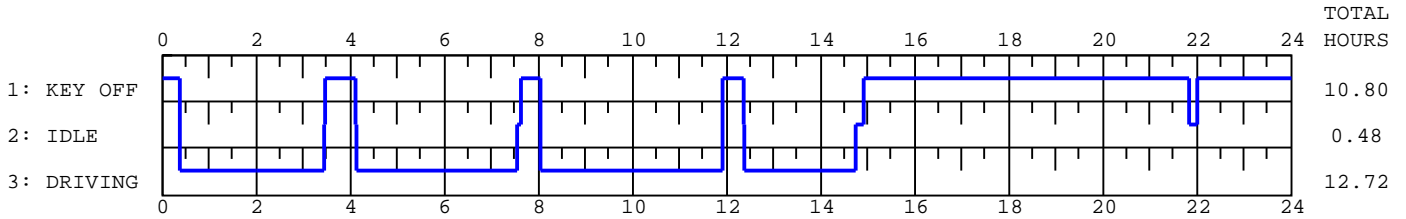
(3/13/2016)



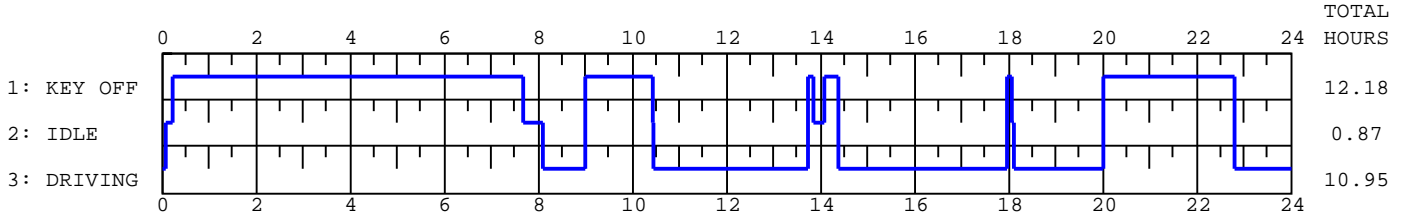
(3/3/2016)



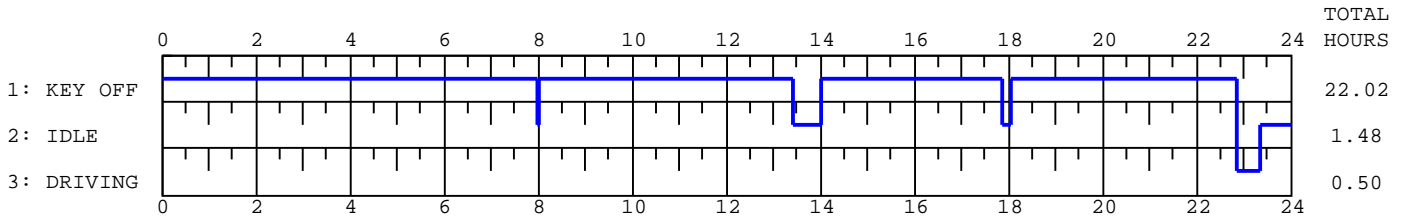
(3/2/2016)



(3/1/2016)



(2/29/2016)



# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	5/10/2016
Start Time:	08:12:25 EST
Odometer:	301509.90 mi
Distance:	0.00 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total(hh:mm)	00:00	00:00	24:00
Hour (EST)	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:	5/8/2016
Start Time:	08:00:00 EST
Odometer:	301509.40 mi
Distance:	0.50 mi
Fuel:	0.50 gal
Fuel Economy:	1.00 mpg
Average Speed:	7.50 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total(hh:mm)	00:04	00:16	23:40
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	4	16	100
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:	5/7/2016
Start Time:	08:00:00 EST
Odometer:	301283.30 mi
Distance:	226.10 mi
Fuel:	34.00 gal
Fuel Economy:	6.65 mpg
Average Speed:	48.97 mph
DEF Fluid:	0.97 gal
Trip Economy:	233.16 mpg

Total(hh:mm)	04:37	01:25	17:58
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	67	24	29
02:00-04:00	86	3	31
04:00-06:00	51	13	56
06:00-08:00	55	19	46
08:00-10:00	10	8	102
10:00-12:00	4	1	115
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	14	106
22:00-24:00	4	3	113

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	5/6/2016
Start Time:	11:18:15 EST
Odometer:	301102.40 mi
Distance:	180.90 mi
Fuel:	26.75 gal
Fuel Economy:	6.76 mpg
Average Speed:	38.35 mph
DEF Fluid:	0.68 gal
Trip Economy:	266.73 mpg

Total(hh:mm)	04:43	01:01	18:16
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	25	12	83
04:00-06:00	24	5	91
06:00-08:00	64	6	50
08:00-10:00	60	1	59
10:00-12:00	1	6	113
12:00-14:00	25	8	87
14:00-16:00	61	5	54
16:00-18:00	0	0	120
18:00-20:00	0	9	111
20:00-22:00	0	0	120
22:00-24:00	23	9	88

Date:	5/3/2016
Start Time:	14:18:24 EST
Odometer:	301088.60 mi
Distance:	13.80 mi
Fuel:	3.25 gal
Fuel Economy:	4.25 mpg
Average Speed:	33.12 mph
DEF Fluid:	0.03 gal
Trip Economy:	487.28 mpg

Total(hh:mm)	00:25	00:15	23:20
Hour (EST)	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	25	15	80
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:	5/2/2016
Start Time:	08:00:00 EST
Odometer:	301082.00 mi
Distance:	6.60 mi
Fuel:	1.50 gal
Fuel Economy:	4.40 mpg
Average Speed:	22.00 mph
DEF Fluid:	0.03 gal
Trip Economy:	201.74 mpg

Total(hh:mm)	00:18	00:29	23:13
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	15	9	96
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	1	3	116
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	2	17	101
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	5/2/2016
Start Time:	04:20:20 EST
Odometer:	301063.10 mi
Distance:	18.90 mi
Fuel:	4.00 gal
Fuel Economy:	4.73 mpg
Average Speed:	33.35 mph
DEF Fluid:	0.08 gal
Trip Economy:	234.59 mpg

Total(hh:mm)	00:34	00:15	23:11
Hour (EST)	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	30	7	83
22:00-24:00	4	8	108

Date:	4/30/2016
Start Time:	08:35:01 EST
Odometer:	300465.90 mi
Distance:	597.20 mi
Fuel:	99.50 gal
Fuel Economy:	6.00 mpg
Average Speed:	66.23 mph
DEF Fluid:	2.46 gal
Trip Economy:	242.62 mpg

Total(hh:mm)	09:01	00:16	14:43
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	78	5	37
02:00-04:00	94	2	24
04:00-06:00	116	2	2
06:00-08:00	106	0	14
08:00-10:00	84	2	34
10:00-12:00	63	5	52
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:	4/29/2016
Start Time:	08:00:00 EST
Odometer:	299607.20 mi
Distance:	858.70 mi
Fuel:	135.50 gal
Fuel Economy:	6.34 mpg
Average Speed:	61.34 mph
DEF Fluid:	3.84 gal
Trip Economy:	223.71 mpg

Total(hh:mm)	14:00	00:38	09:22
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	6	114
02:00-04:00	0	0	120
04:00-06:00	111	5	4
06:00-08:00	74	1	45
08:00-10:00	116	2	2
10:00-12:00	79	15	26
12:00-14:00	116	2	2
14:00-16:00	117	0	3
16:00-18:00	87	7	26
18:00-20:00	82	0	38
20:00-22:00	0	0	120
22:00-24:00	58	0	62



# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

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Date:	4/28/2016
Start Time:	08:00:00 EST
Odometer:	299374.00 mi
Distance:	233.20 mi
Fuel:	31.75 gal
Fuel Economy:	7.34 mpg
Average Speed:	43.73 mph
DEF Fluid:	0.90 gal
Trip Economy:	259.42 mpg

Total(hh:mm)	05:20	01:23	17:17
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	76	9	35
02:00-04:00	34	4	82
04:00-06:00	84	2	34
06:00-08:00	71	4	45
08:00-10:00	23	5	92
10:00-12:00	26	1	93
12:00-14:00	0	0	120
14:00-16:00	0	13	107
16:00-18:00	0	16	104
18:00-20:00	0	16	104
20:00-22:00	0	0	120
22:00-24:00	6	13	101

Date:	4/27/2016
Start Time:	08:00:00 EST
Odometer:	298660.50 mi
Distance:	713.50 mi
Fuel:	118.00 gal
Fuel Economy:	6.05 mpg
Average Speed:	53.92 mph
DEF Fluid:	3.25 gal
Trip Economy:	219.87 mpg

Total(hh:mm)	13:14	01:44	09:02
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	109	0	11
02:00-04:00	117	0	3
04:00-06:00	90	13	17
06:00-08:00	114	4	2
08:00-10:00	110	8	2
10:00-12:00	47	15	58
12:00-14:00	51	12	57
14:00-16:00	90	16	14
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	7	23	90
22:00-24:00	59	13	48

Date:	4/26/2016
Start Time:	08:00:00 EST
Odometer:	297953.00 mi
Distance:	707.50 mi
Fuel:	108.75 gal
Fuel Economy:	6.51 mpg
Average Speed:	58.39 mph
DEF Fluid:	2.81 gal
Trip Economy:	251.82 mpg

Total(hh:mm)	12:07	01:31	10:22
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	98	4	18
02:00-04:00	14	31	75
04:00-06:00	79	10	31
06:00-08:00	71	11	38
08:00-10:00	2	19	99
10:00-12:00	117	1	2
12:00-14:00	110	8	2
14:00-16:00	102	1	17
16:00-18:00	2	3	115
18:00-20:00	0	0	120
20:00-22:00	72	2	46
22:00-24:00	60	1	59

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

, -  
( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	4/25/2016
Start Time:	09:26:32 EST
Odometer:	297689.00 mi
Distance:	264.00 mi
Fuel:	41.75 gal
Fuel Economy:	6.32 mpg
Average Speed:	50.45 mph
DEF Fluid:	0.98 gal
Trip Economy:	269.53 mpg

Total(hh:mm)	05:14	02:57	15:49
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	4	29	87
02:00-04:00	40	29	51
04:00-06:00	3	23	94
06:00-08:00	15	46	59
08:00-10:00	38	10	72
10:00-12:00	26	2	92
12:00-14:00	116	2	2
14:00-16:00	11	18	91
16:00-18:00	0	7	113
18:00-20:00	0	5	115
20:00-22:00	4	1	115
22:00-24:00	57	5	58

Date:	4/22/2016
Start Time:	08:32:09 EST
Odometer:	297660.40 mi
Distance:	28.60 mi
Fuel:	3.75 gal
Fuel Economy:	7.63 mpg
Average Speed:	31.78 mph
DEF Fluid:	0.07 gal
Trip Economy:	427.54 mpg

Total(hh:mm)	00:54	00:28	22:38
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	32	23	65
02:00-04:00	22	5	93
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:	4/19/2016
Start Time:	08:00:00 EST
Odometer:	297203.10 mi
Distance:	457.30 mi
Fuel:	66.00 gal
Fuel Economy:	6.93 mpg
Average Speed:	66.12 mph
DEF Fluid:	1.82 gal
Trip Economy:	250.75 mpg

Total(hh:mm)	06:55	00:33	16:32
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	110	7	3
02:00-04:00	87	2	31
04:00-06:00	108	5	7
06:00-08:00	87	9	24
08:00-10:00	23	10	87
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: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	4/18/2016
Start Time:	09:39:39 EST
Odometer:	296472.50 mi
Distance:	730.60 mi
Fuel:	99.50 gal
Fuel Economy:	7.34 mpg
Average Speed:	61.83 mph
DEF Fluid:	2.88 gal
Trip Economy:	253.26 mpg

Total(hh:mm)	11:49	00:54	11:17
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	6	114
02:00-04:00	64	10	46
04:00-06:00	99	7	14
06:00-08:00	104	8	8
08:00-10:00	116	1	3
10:00-12:00	65	11	44
12:00-14:00	118	0	2
14:00-16:00	86	1	33
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	57	10	53

Date:	4/17/2016
Start Time:	08:40:20 EST
Odometer:	295727.30 mi
Distance:	745.20 mi
Fuel:	123.25 gal
Fuel Economy:	6.05 mpg
Average Speed:	62.36 mph
DEF Fluid:	3.76 gal
Trip Economy:	198.38 mpg

Total(hh:mm)	11:57	00:58	11:05
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	74	4	42
02:00-04:00	78	0	42
04:00-06:00	100	1	19
06:00-08:00	101	10	9
08:00-10:00	87	13	20
10:00-12:00	107	1	12
12:00-14:00	0	7	113
14:00-16:00	0	0	120
16:00-18:00	95	2	23
18:00-20:00	72	15	33
20:00-22:00	0	0	120
22:00-24:00	3	5	112

Date:	4/16/2016
Start Time:	12:18:44 EST
Odometer:	294973.60 mi
Distance:	753.70 mi
Fuel:	128.25 gal
Fuel Economy:	5.88 mpg
Average Speed:	62.72 mph
DEF Fluid:	3.27 gal
Trip Economy:	230.38 mpg

Total(hh:mm)	12:01	00:52	11:07
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	0	0	120
04:00-06:00	82	17	21
06:00-08:00	91	14	15
08:00-10:00	47	8	65
10:00-12:00	109	7	4
12:00-14:00	83	1	36
14:00-16:00	105	1	14
16:00-18:00	106	0	14
18:00-20:00	98	4	18
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	4/4/2016
Start Time:	11:03:59 EST
Odometer:	294971.90 mi
Distance:	1.70 mi
Fuel:	0.75 gal
Fuel Economy:	2.27 mpg
Average Speed:	11.33 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total(hh:mm)	00:09	00:16	23:35
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	0	120
02:00-04:00	4	15	101
04:00-06:00	0	0	120
06:00-08:00	5	1	114
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:	4/1/2016
Start Time:	09:45:26 EST
Odometer:	294971.90 mi
Distance:	0.00 mi
Fuel:	0.50 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total(hh:mm)	00:00	00:26	23:34
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	14	106
02:00-04:00	0	12	108
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:	3/17/2016
Start Time:	08:03:21 EST
Odometer:	294953.80 mi
Distance:	18.10 mi
Fuel:	2.50 gal
Fuel Economy:	7.24 mpg
Average Speed:	37.45 mph
DEF Fluid:	0.05 gal
Trip Economy:	349.71 mpg

Total(hh:mm)	00:29	00:06	23:25
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	29	6	85
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

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	3/16/2016
Start Time:	08:00:00 EST
Odometer:	294038.70 mi
Distance:	915.10 mi
Fuel:	148.50 gal
Fuel Economy:	6.16 mpg
Average Speed:	66.63 mph
DEF Fluid:	3.81 gal
Trip Economy:	240.15 mpg

Total(hh:mm)	13:44	01:01	09:15
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	66	5	49
02:00-04:00	102	0	18
04:00-06:00	88	14	18
06:00-08:00	105	3	12
08:00-10:00	97	11	12
10:00-12:00	88	2	30
12:00-14:00	34	9	77
14:00-16:00	118	0	2
16:00-18:00	23	5	92
18:00-20:00	75	0	45
20:00-22:00	28	12	80
22:00-24:00	0	0	120

Date:	3/15/2016
Start Time:	08:00:00 EST
Odometer:	293197.70 mi
Distance:	841.00 mi
Fuel:	131.50 gal
Fuel Economy:	6.40 mpg
Average Speed:	58.54 mph
DEF Fluid:	3.89 gal
Trip Economy:	216.38 mpg

Total(hh:mm)	14:22	01:05	08:33
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	106	5	9
02:00-04:00	101	3	16
04:00-06:00	56	15	49
06:00-08:00	85	5	30
08:00-10:00	84	3	33
10:00-12:00	117	0	3
12:00-14:00	51	7	62
14:00-16:00	0	0	120
16:00-18:00	106	4	10
18:00-20:00	111	6	3
20:00-22:00	42	12	66
22:00-24:00	3	5	112

Date:	3/14/2016
Start Time:	08:04:37 EST
Odometer:	292577.40 mi
Distance:	620.30 mi
Fuel:	97.25 gal
Fuel Economy:	6.38 mpg
Average Speed:	57.88 mph
DEF Fluid:	2.64 gal
Trip Economy:	234.60 mpg

Total(hh:mm)	10:43	02:27	10:50
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	21	21	78
02:00-04:00	30	57	33
04:00-06:00	52	10	58
06:00-08:00	101	3	16
08:00-10:00	98	10	12
10:00-12:00	105	13	2
12:00-14:00	107	11	2
14:00-16:00	8	4	108
16:00-18:00	0	7	113
18:00-20:00	0	2	118
20:00-22:00	4	8	108
22:00-24:00	117	1	2

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

( ) -

Date:	3/13/2016
Start Time:	08:24:59 EST
Odometer:	291864.60 mi
Distance:	712.80 mi
Fuel:	114.00 gal
Fuel Economy:	6.25 mpg
Average Speed:	63.27 mph
DEF Fluid:	2.71 gal
Trip Economy:	262.98 mpg

Total(hh:mm)	11:16	02:14	10:30
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	0	3	117
02:00-04:00	1	33	86
04:00-06:00	20	28	72
06:00-08:00	66	45	9
08:00-10:00	71	0	49
10:00-12:00	118	0	2
12:00-14:00	118	0	2
14:00-16:00	90	1	29
16:00-18:00	110	8	2
18:00-20:00	75	3	42
20:00-22:00	7	13	100
22:00-24:00	0	0	120

Date:	3/13/2016
Start Time:	06:13:56 EST
Odometer:	291834.60 mi
Distance:	30.00 mi
Fuel:	4.25 gal
Fuel Economy:	7.06 mpg
Average Speed:	43.90 mph
DEF Fluid:	0.09 gal
Trip Economy:	320.00 mpg

Total(hh:mm)	00:41	00:09	23:10
Hour (EST)	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	41	9	70

Date:	3/3/2016
Start Time:	08:19:05 EST
Odometer:	291816.60 mi
Distance:	18.00 mi
Fuel:	3.00 gal
Fuel Economy:	6.00 mpg
Average Speed:	37.24 mph
DEF Fluid:	0.07 gal
Trip Economy:	254.23 mpg

Total(hh:mm)	00:29	00:10	23:21
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	29	10	81
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

# DDEC® Reports - Daily Engine Usage

Print Date: 5/10/2016 10:02 AM  
DDC

Date Range: 05/10/16 To 02/29/16 (EST)

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( ) -

Vehicle ID:  
Driver ID:  
Engine S/N: 471927S0178542

Date:	3/2/2016
Start Time:	08:00:00 EST
Odometer:	290966.10 mi
Distance:	850.50 mi
Fuel:	138.50 gal
Fuel Economy:	6.14 mpg
Average Speed:	66.88 mph
DEF Fluid:	4.04 gal
Trip Economy:	210.52 mpg

Total(hh:mm)	12:43	00:29	10:48
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	98	0	22
02:00-04:00	86	1	33
04:00-06:00	113	1	6
06:00-08:00	92	5	23
08:00-10:00	118	0	2
10:00-12:00	114	0	6
12:00-14:00	98	1	21
14:00-16:00	44	10	66
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	11	109
22:00-24:00	0	0	120

Date:	3/1/2016
Start Time:	08:00:00 EST
Odometer:	290311.60 mi
Distance:	654.50 mi
Fuel:	109.50 gal
Fuel Economy:	5.98 mpg
Average Speed:	59.77 mph
DEF Fluid:	3.24 gal
Trip Economy:	201.84 mpg

Total(hh:mm)	10:57	00:52	12:11
Hour (EST)	Drive(min)	Idle(min)	Off(min)
00:00-02:00	4	9	107
02:00-04:00	0	0	120
04:00-06:00	0	0	120
06:00-08:00	0	20	100
08:00-10:00	54	5	61
10:00-12:00	94	1	25
12:00-14:00	103	10	7
14:00-16:00	98	4	18
16:00-18:00	117	0	3
18:00-20:00	114	3	3
20:00-22:00	0	0	120
22:00-24:00	73	0	47

Date:	2/29/2016
Start Time:	14:01:04 EST
Odometer:	290288.30 mi
Distance:	23.30 mi
Fuel:	5.50 gal
Fuel Economy:	4.24 mpg
Average Speed:	46.60 mph
DEF Fluid:	0.12 gal
Trip Economy:	188.61 mpg

Total(hh:mm)	00:30	01:29	22:01
Hour (EST)	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	2	118
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	0	36	84
14:00-16:00	0	0	120
16:00-18:00	0	9	111
18:00-20:00	0	2	118
20:00-22:00	0	0	120
22:00-24:00	30	40	50

# DDEC® Reports - Hard Brake

# #1

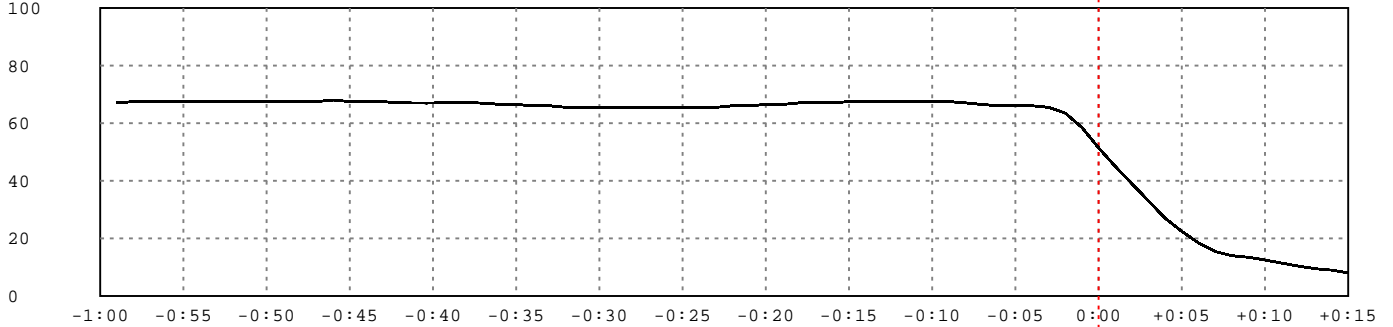
Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

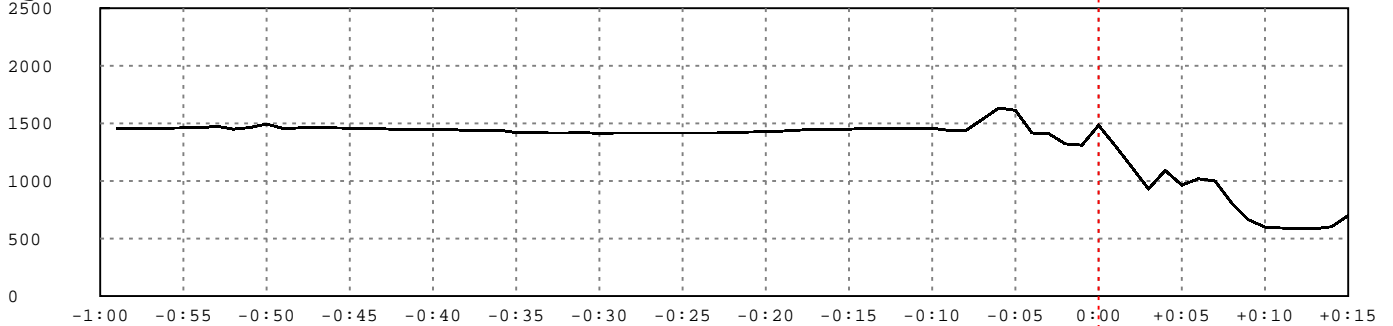
Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

Incident Time: 04/27/16 5:59:41 (EST) Incident Odometer: 298597.9 mi

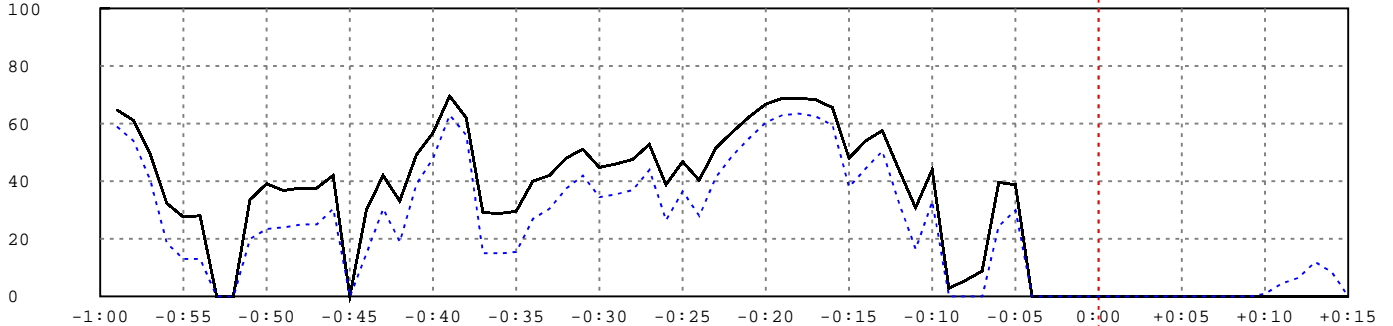
### Vehicle Speed (mph)



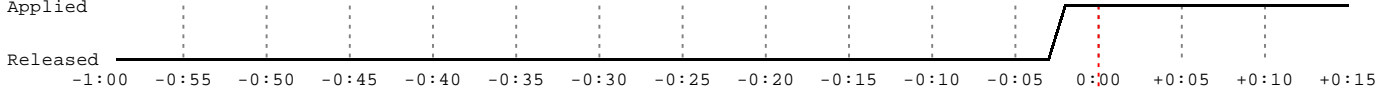
### Engine RPM



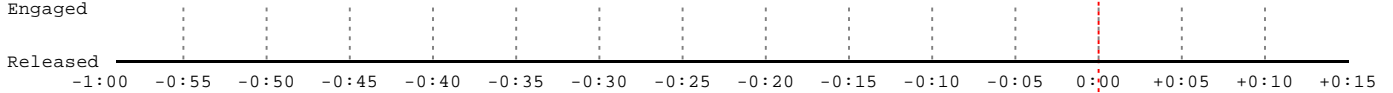
### Percent



### Brake



### Clutch





# DDEC® Reports - Hard Brake

## #2

Print Date: 5/10/2016 10:02 AM  
DDC

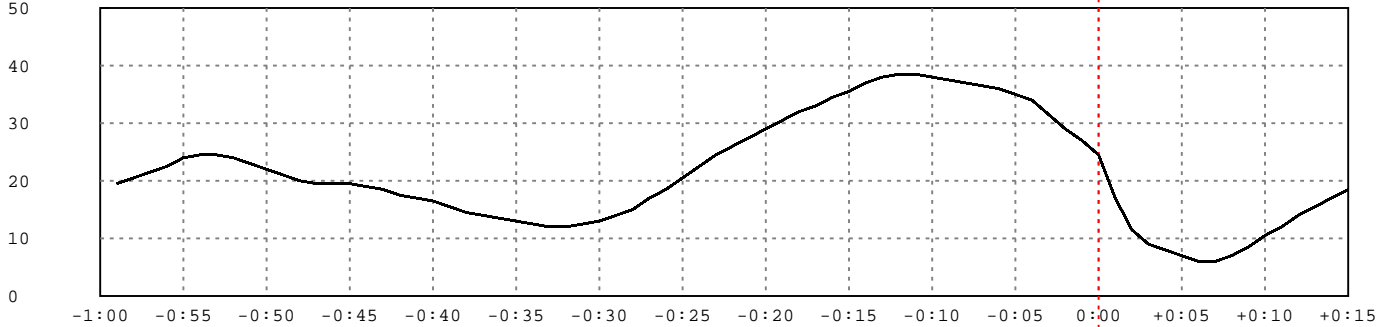
Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

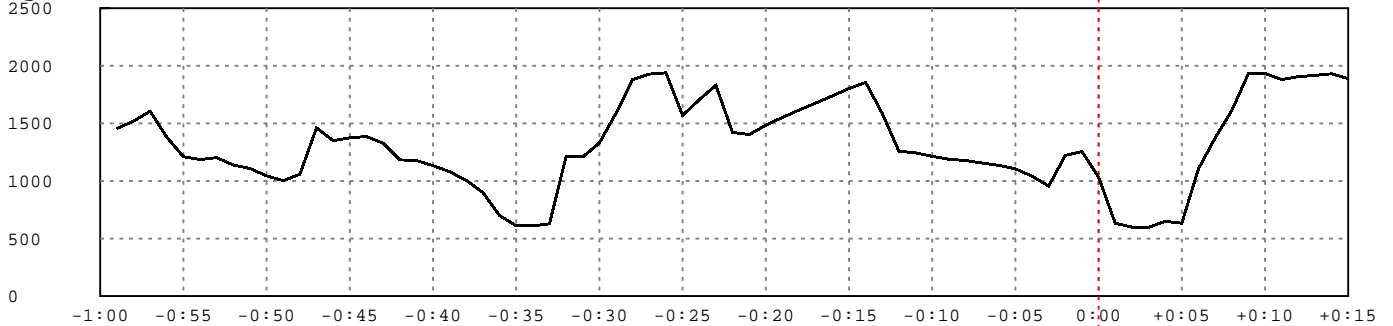
Incident Time: 04/30/16 18:48:55 (EST)

Incident Odometer: 301055.0 mi

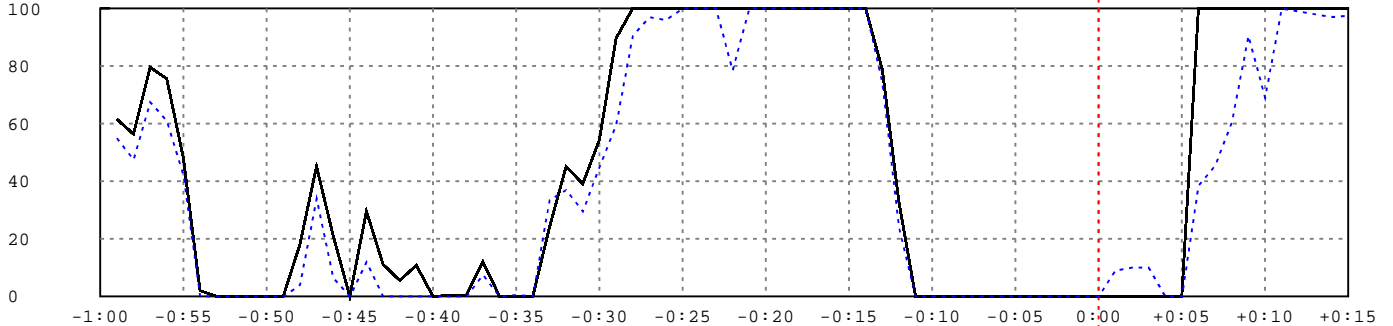
**Vehicle Speed (mph)**



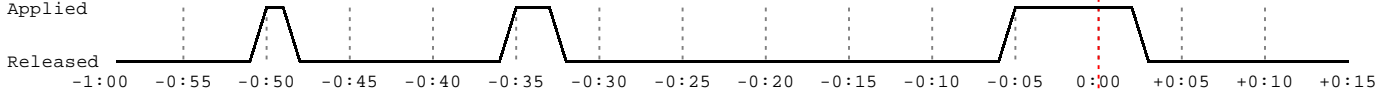
**Engine RPM**



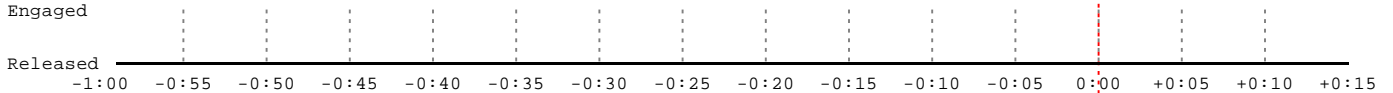
**Percent**



**Brake**



**Clutch**



# DDEC® Reports - Hard Brake

# #1

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

Incident Time: 4/27/2016 5:59:41 AM (EST) Incident Odometer: 298597.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	67.0	1454	No	No	59.00	64.80	No	No
-0:58	67.5	1460	No	No	54.00	61.20	No	No
-0:57	67.5	1454	No	No	40.50	49.60	No	No
-0:56	67.5	1460	No	No	18.50	32.40	No	No
-0:55	67.5	1464	No	No	13.00	27.60	No	No
-0:54	67.5	1462	No	No	13.00	28.00	No	No
-0:53	67.5	1476	No	No	0.00	0.00	No	No
-0:52	67.5	1452	No	No	0.00	0.00	No	No
-0:51	67.5	1464	No	No	20.00	33.60	No	No
-0:50	67.5	1497	No	No	23.50	39.20	No	No
-0:49	67.5	1458	No	No	24.00	36.80	No	No
-0:48	67.5	1462	No	No	25.00	37.60	No	No
-0:47	67.5	1462	No	No	25.00	37.60	No	No
-0:46	68.0	1463	No	No	30.50	42.00	No	No
-0:45	67.5	1459	No	No	0.00	0.00	No	No
-0:44	67.5	1459	No	No	15.00	30.00	No	No
-0:43	67.5	1453	No	No	30.50	42.00	No	No
-0:42	67.0	1450	No	No	19.00	33.20	No	No
-0:41	67.0	1447	No	No	39.00	49.20	No	No
-0:40	67.0	1446	No	No	48.00	56.80	No	No
-0:39	67.0	1450	No	No	63.00	69.60	No	No
-0:38	67.0	1441	No	No	56.00	62.00	No	No
-0:37	67.0	1440	No	No	15.00	29.20	No	No
-0:36	66.5	1442	No	No	15.00	28.80	No	No
-0:35	66.5	1422	No	No	15.50	29.60	No	No
-0:34	66.0	1424	No	No	27.00	40.00	No	No
-0:33	66.0	1419	No	No	30.50	42.00	No	No
-0:32	65.5	1418	No	No	37.50	48.00	No	No
-0:31	65.5	1420	No	No	42.00	51.20	No	No
-0:30	65.5	1415	No	No	34.50	44.80	No	No
-0:29	65.5	1418	No	No	35.50	46.00	No	No
-0:28	65.5	1418	No	No	37.00	47.60	No	No
-0:27	65.5	1419	No	No	44.00	52.80	No	No
-0:26	65.5	1418	No	No	26.50	38.80	No	No
-0:25	65.5	1419	No	No	36.50	46.80	No	No
-0:24	65.5	1418	No	No	28.00	40.40	No	No
-0:23	65.5	1419	No	No	41.50	51.60	No	No
-0:22	66.0	1424	No	No	49.00	57.20	No	No
-0:21	66.0	1426	No	No	55.00	62.40	No	No
-0:20	66.5	1429	No	No	60.50	66.80	No	No

# DDEC® Reports - Hard Brake

# #1

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Incident Time: 4/27/2016 5:59:41 AM (EST) Incident Odometer: 298597.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	66.5	1436	No	No	63.00	68.80	No	No
-0:18	67.0	1442	No	No	63.50	68.80	No	No
-0:17	67.0	1450	No	No	62.50	68.40	No	No
-0:16	67.0	1452	No	No	59.50	65.60	No	No
-0:15	67.5	1452	No	No	38.00	48.00	No	No
-0:14	67.5	1456	No	No	44.50	54.00	No	No
-0:13	67.5	1459	No	No	50.50	57.60	No	No
-0:12	67.5	1456	No	No	32.50	44.00	No	No
-0:11	67.5	1459	No	No	16.50	30.80	No	No
-0:10	67.5	1461	No	No	33.00	44.00	No	No
-0:09	67.5	1442	No	No	0.00	2.80	No	No
-0:08	67.0	1437	No	No	0.00	5.60	No	No
-0:07	66.5	1536	No	No	0.00	8.80	No	No
-0:06	66.0	1634	No	No	24.50	39.60	No	No
-0:05	66.0	1617	No	No	30.00	38.80	No	No
-0:04	66.0	1418	No	No	0.00	0.00	No	No
-0:03	65.5	1413	No	No	0.00	0.00	No	No
-0:02	63.5	1324	Yes	No	0.00	0.00	No	No
-0:01	58.5	1312	Yes	No	0.00	0.00	No	No
0:00	51.5	1483	Yes	No	0.00	0.00	No	No
+0:01	45.0	1306	Yes	No	0.00	0.00	No	No
+0:02	39.0	1120	Yes	No	0.00	0.00	No	No
+0:03	33.0	932	Yes	No	0.00	0.00	No	No
+0:04	27.0	1092	Yes	No	0.00	0.00	No	No
+0:05	22.5	966	Yes	No	0.00	0.00	No	No
+0:06	18.5	1022	Yes	No	0.00	0.00	No	No
+0:07	15.5	1002	Yes	No	0.00	0.00	No	No
+0:08	14.0	810	Yes	No	0.00	0.00	No	No
+0:09	13.5	664	Yes	No	0.00	0.00	No	No
+0:10	12.5	602	Yes	No	1.00	0.00	No	No
+0:11	11.5	592	Yes	No	4.50	0.00	No	No
+0:12	10.5	591	Yes	No	6.50	0.00	No	No
+0:13	9.5	587	Yes	No	12.00	0.00	No	No
+0:14	9.0	605	Yes	No	8.50	0.00	No	No
+0:15	8.0	702	Yes	No	0.00	0.00	No	No

# DDEC® Reports - Hard Brake

# #2

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

Incident Time: 4/30/2016 6:48:55 PM (EST) Incident Odometer: 301055.0 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	19.5	1456	No	No	55.00	61.60	No	No
-0:58	20.5	1522	No	No	47.50	56.40	No	No
-0:57	21.5	1608	No	No	67.50	79.60	No	No
-0:56	22.5	1382	No	No	61.00	75.60	No	No
-0:55	24.0	1213	No	No	42.00	48.00	No	No
-0:54	24.5	1187	No	No	0.00	2.00	No	No
-0:53	24.5	1204	No	No	0.00	0.00	No	No
-0:52	24.0	1140	No	No	0.00	0.00	No	No
-0:51	23.0	1111	No	No	0.00	0.00	No	No
-0:50	22.0	1045	Yes	No	0.00	0.00	No	No
-0:49	21.0	1005	Yes	No	0.00	0.00	No	No
-0:48	20.0	1059	No	No	4.00	18.00	No	No
-0:47	19.5	1463	No	No	34.00	45.20	No	No
-0:46	19.5	1352	No	No	6.50	21.20	No	No
-0:45	19.5	1376	No	No	0.00	0.00	No	No
-0:44	19.0	1388	No	No	12.00	29.60	No	No
-0:43	18.5	1329	No	No	0.00	11.20	No	No
-0:42	17.5	1184	No	No	0.00	5.60	No	No
-0:41	17.0	1180	No	No	0.00	10.80	No	No
-0:40	16.5	1135	No	No	0.00	0.00	No	No
-0:39	15.5	1082	No	No	0.00	0.40	No	No
-0:38	14.5	1006	No	No	0.00	0.40	No	No
-0:37	14.0	901	No	No	7.50	12.00	No	No
-0:36	13.5	702	No	No	0.00	0.00	No	No
-0:35	13.0	613	Yes	No	0.50	0.00	No	No
-0:34	12.5	612	Yes	No	0.00	0.00	No	No
-0:33	12.0	630	Yes	No	33.50	24.00	No	No
-0:32	12.0	1216	No	No	37.00	45.20	No	No
-0:31	12.5	1211	No	No	29.50	39.20	No	No
-0:30	13.0	1333	No	No	45.00	54.40	No	No
-0:29	14.0	1590	No	No	59.50	89.60	No	No
-0:28	15.0	1881	No	No	90.50	100.00	No	No
-0:27	17.0	1928	No	No	97.00	100.00	No	No
-0:26	18.5	1941	No	No	96.00	100.00	No	No
-0:25	20.5	1570	No	No	100.00	100.00	No	No
-0:24	22.5	1708	No	No	100.00	100.00	No	No
-0:23	24.5	1831	No	No	100.00	100.00	No	No
-0:22	26.0	1425	No	No	78.50	100.00	No	No
-0:21	27.5	1404	No	No	100.00	100.00	No	No
-0:20	29.0	1484	No	No	100.00	100.00	No	No

# DDEC® Reports - Hard Brake

# #2

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Incident Time: 4/30/2016 6:48:55 PM (EST) Incident Odometer: 301055.0 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	30.5	1555	No	No	100.00	100.00	No	No
-0:18	32.0	1615	No	No	100.00	100.00	No	No
-0:17	33.0	1678	No	No	100.00	100.00	No	No
-0:16	34.5	1740	No	No	100.00	100.00	No	No
-0:15	35.5	1805	No	No	100.00	100.00	No	No
-0:14	37.0	1858	No	No	100.00	100.00	No	No
-0:13	38.0	1588	No	No	74.00	78.80	No	No
-0:12	38.5	1261	No	No	24.00	32.80	No	No
-0:11	38.5	1246	No	No	0.00	0.00	No	No
-0:10	38.0	1216	No	No	0.00	0.00	No	No
-0:09	37.5	1191	No	No	0.00	0.00	No	No
-0:08	37.0	1179	No	No	0.00	0.00	No	No
-0:07	36.5	1158	No	No	0.00	0.00	No	No
-0:06	36.0	1136	No	No	0.00	0.00	No	No
-0:05	35.0	1108	Yes	No	0.00	0.00	No	No
-0:04	34.0	1044	Yes	No	0.00	0.00	No	No
-0:03	31.5	958	Yes	No	0.00	0.00	No	No
-0:02	29.0	1224	Yes	No	0.00	0.00	No	No
-0:01	27.0	1256	Yes	No	0.00	0.00	No	No
0:00	24.5	1035	Yes	No	0.00	0.00	No	No
+0:01	17.0	636	Yes	No	9.00	0.00	No	No
+0:02	11.5	600	Yes	No	10.00	0.00	No	No
+0:03	9.0	600	No	No	10.00	0.00	No	No
+0:04	8.0	651	No	No	0.00	0.00	No	No
+0:05	7.0	635	No	No	0.00	0.00	No	No
+0:06	6.0	1106	No	No	38.50	100.00	No	No
+0:07	6.0	1373	No	No	45.50	100.00	No	No
+0:08	7.0	1612	No	No	60.50	100.00	No	No
+0:09	8.5	1932	No	No	90.50	100.00	No	No
+0:10	10.5	1935	No	No	69.00	100.00	No	No
+0:11	12.0	1881	No	No	100.00	100.00	No	No
+0:12	14.0	1907	No	No	99.00	100.00	No	No
+0:13	15.5	1919	No	No	98.00	100.00	No	No
+0:14	17.0	1931	No	No	97.00	100.00	No	No
+0:15	18.5	1890	No	No	97.50	100.00	No	No

# DDEC® Reports - Last Stop Record

Print Date: 5/10/2016 10:02 AM  
DDC

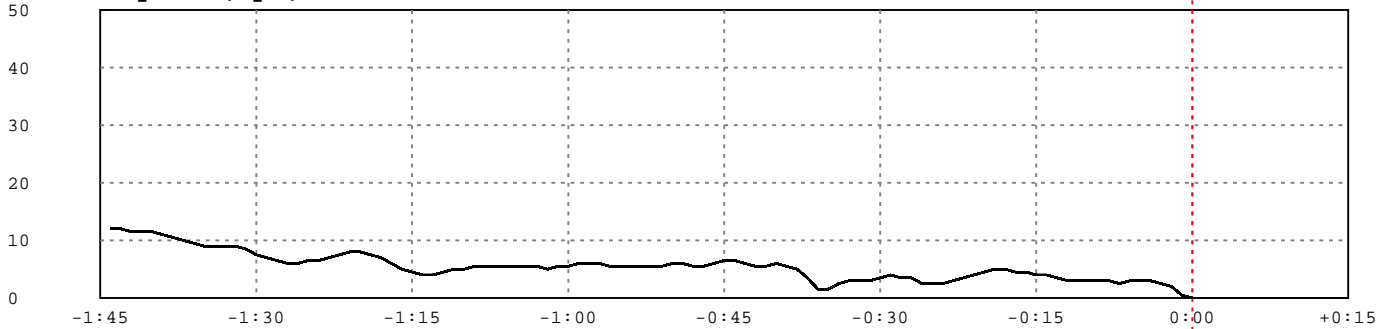
Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

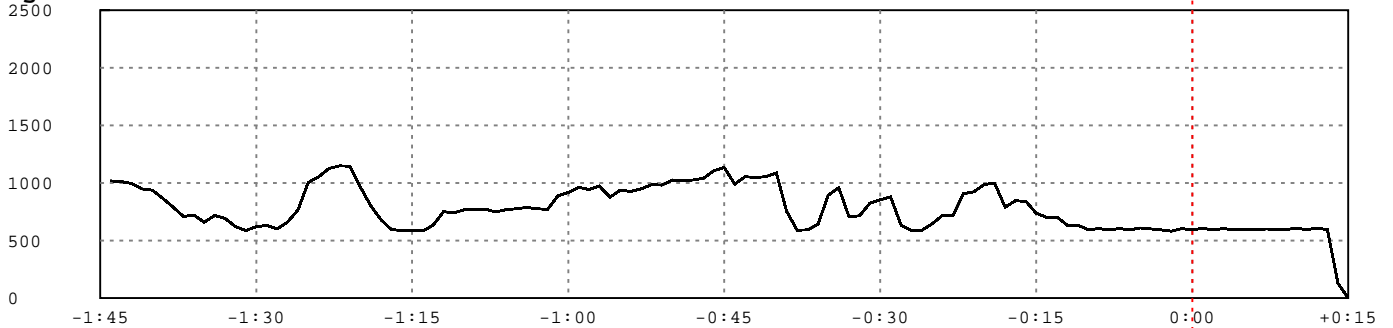
Last Stop Time: 05/08/16 9:25:27 (EST)

Last Stop Odometer: 301509.9 mi

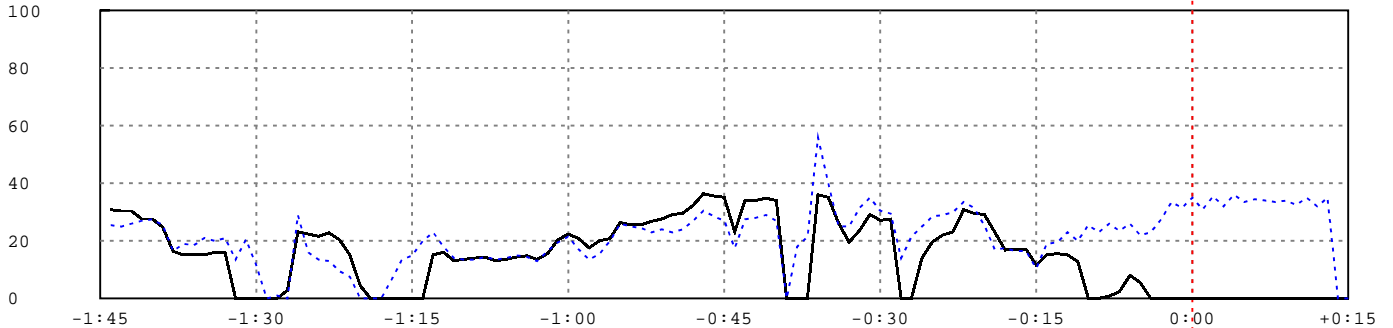
**Vehicle Speed (mph)**



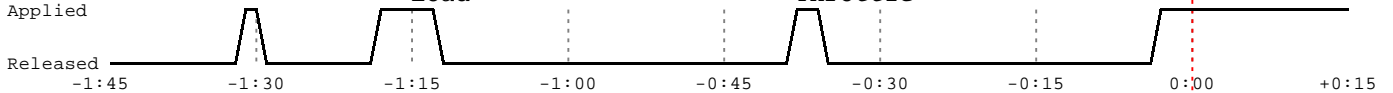
**Engine RPM**



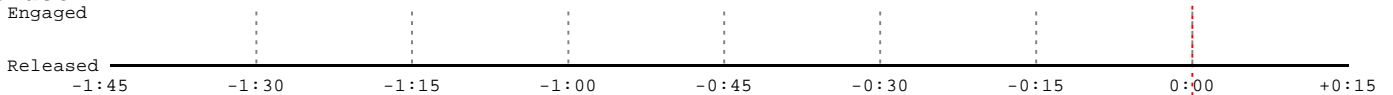
**Percent**



**Brake**



**Clutch**



# DDEC® Reports - Last Stop Record

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)

Vehicle ID:

Driver ID:

Odometer: 301509.9 mi

Engine S/N: 471927S0178542

Trip Distance	47824.1 mi	Trip Time	968:51:40
Trip Fuel	7962.27 gal	Fuel Consumption	8.22 gal/h
Fuel Economy	6.01 mpg	Idle Time	137:16:01
Avg Drive Load	47 %	Idle Percent	14.17 %
Avg Vehicle Speed	58.1 mph	Idle Fuel	262.40 gal
		Parked Regen Time	9:01:39

Last Stop Time: 5/8/2016 9:25:27 AM (EST)      Last Stop Odometer: 301509.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:44	12.0	1017	No	No	25.50	30.80	No	No
-1:43	12.0	1013	No	No	25.00	30.40	No	No
-1:42	11.5	996	No	No	26.00	30.40	No	No
-1:41	11.5	949	No	No	27.00	27.60	No	No
-1:40	11.5	939	No	No	27.50	27.60	No	No
-1:39	11.0	869	No	No	25.50	24.80	No	No
-1:38	10.5	790	No	No	16.50	16.40	No	No
-1:37	10.0	711	No	No	19.00	15.20	No	No
-1:36	9.5	721	No	No	18.50	15.20	No	No
-1:35	9.0	661	No	No	21.00	15.20	No	No
-1:34	9.0	717	No	No	20.00	16.00	No	No
-1:33	9.0	692	No	No	21.00	16.00	No	No
-1:32	9.0	622	No	No	13.50	0.00	No	No
-1:31	8.5	588	Yes	No	20.50	0.00	No	No
-1:30	7.5	622	Yes	No	11.50	0.00	No	No
-1:29	7.0	631	No	No	0.00	0.00	No	No
-1:28	6.5	602	No	No	1.00	0.00	No	No
-1:27	6.0	661	No	No	0.00	2.80	No	No
-1:26	6.0	765	No	No	29.00	23.20	No	No
-1:25	6.5	1004	No	No	16.00	22.40	No	No
-1:24	6.5	1055	No	No	13.50	21.60	No	No
-1:23	7.0	1126	No	No	13.00	22.80	No	No
-1:22	7.5	1149	No	No	9.50	20.40	No	No
-1:21	8.0	1146	No	No	7.50	15.20	No	No
-1:20	8.0	964	No	No	0.00	4.40	No	No
-1:19	7.5	804	No	No	0.00	0.00	No	No
-1:18	7.0	679	Yes	No	0.00	0.00	No	No
-1:17	6.0	595	Yes	No	6.50	0.00	No	No
-1:16	5.0	589	Yes	No	13.50	0.00	No	No
-1:15	4.5	592	Yes	No	15.00	0.00	No	No
-1:14	4.0	585	Yes	No	20.00	0.00	No	No
-1:13	4.0	631	Yes	No	23.00	15.20	No	No
-1:12	4.5	753	No	No	18.00	16.00	No	No
-1:11	5.0	741	No	No	14.00	13.20	No	No
-1:10	5.0	767	No	No	13.50	13.60	No	No
-1:09	5.5	770	No	No	13.50	14.00	No	No
-1:08	5.5	775	No	No	14.50	14.40	No	No
-1:07	5.5	748	No	No	13.50	13.20	No	No
-1:06	5.5	768	No	No	14.00	13.60	No	No
-1:05	5.5	776	No	No	15.00	14.40	No	No

# DDEC® Reports - Last Stop Record

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Last Stop Time: 5/8/2016 9:25:27 AM (EST) Last Stop Odometer: 301509.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:04	5.5	788	No	No	14.50	14.80	No	No
-1:03	5.5	775	No	No	13.00	13.60	No	No
-1:02	5.0	772	No	No	16.50	15.60	No	No
-1:01	5.5	887	No	No	19.50	20.40	No	No
-1:00	5.5	918	No	No	21.50	22.40	No	No
-0:59	6.0	962	No	No	17.00	20.80	No	No
-0:58	6.0	943	No	No	13.50	17.60	No	No
-0:57	6.0	974	No	No	15.50	20.00	No	No
-0:56	5.5	877	No	No	20.00	20.80	No	No
-0:55	5.5	938	No	No	26.00	26.40	No	No
-0:54	5.5	926	No	No	25.00	25.60	No	No
-0:53	5.5	948	No	No	24.50	25.60	No	No
-0:52	5.5	984	No	No	23.00	26.80	No	No
-0:51	5.5	981	No	No	24.00	27.60	No	No
-0:50	6.0	1025	No	No	23.00	29.20	No	No
-0:49	6.0	1019	No	No	24.00	29.60	No	No
-0:48	5.5	1025	No	No	27.00	32.40	No	No
-0:47	5.5	1041	No	No	30.50	36.40	No	No
-0:46	6.0	1107	No	No	28.50	35.60	No	No
-0:45	6.5	1134	No	No	27.00	35.20	No	No
-0:44	6.5	992	No	No	17.50	23.20	No	No
-0:43	6.0	1054	No	No	27.50	34.00	No	No
-0:42	5.5	1048	No	No	28.00	34.00	No	No
-0:41	5.5	1054	No	No	29.00	34.80	No	No
-0:40	6.0	1088	No	No	27.00	34.00	No	No
-0:39	5.5	754	No	No	0.00	0.00	No	No
-0:38	5.0	591	Yes	No	18.00	0.00	No	No
-0:37	3.5	593	Yes	No	21.50	0.00	No	No
-0:36	1.5	641	Yes	No	56.00	36.00	No	No
-0:35	1.5	894	No	No	40.00	35.20	No	No
-0:34	2.5	960	No	No	25.00	26.00	No	No
-0:33	3.0	707	No	No	25.00	19.60	No	No
-0:32	3.0	714	No	No	31.50	23.60	No	No
-0:31	3.0	822	No	No	35.00	29.20	No	No
-0:30	3.5	854	No	No	30.50	27.20	No	No
-0:29	4.0	878	No	No	29.50	27.60	No	No
-0:28	3.5	633	No	No	14.00	0.00	No	No
-0:27	3.5	588	No	No	21.50	0.00	No	No
-0:26	2.5	590	No	No	25.00	14.00	No	No
-0:25	2.5	647	No	No	28.50	19.60	No	No



# DDEC® Reports - Last Stop Record

Print Date: 5/10/2016 10:02 AM  
DDC

Trip: 07/21/15 11:56:43 To 05/10/16 (EST)  
Vehicle ID:  
Driver ID:  
Odometer: 301509.9 mi  
Engine S/N: 471927S0178542

Last Stop Time: 5/8/2016 9:25:27 AM (EST) Last Stop Odometer: 301509.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:24	2.5	720	No	No	29.00	22.00	No	No
-0:23	3.0	722	No	No	30.00	23.20	No	No
-0:22	3.5	908	No	No	33.50	30.80	No	No
-0:21	4.0	922	No	No	31.50	29.60	No	No
-0:20	4.5	987	No	No	25.50	29.20	No	No
-0:19	5.0	998	No	No	17.00	23.20	No	No
-0:18	5.0	791	No	No	17.50	16.80	No	No
-0:17	4.5	847	No	No	16.50	17.20	No	No
-0:16	4.5	841	No	No	16.50	17.20	No	No
-0:15	4.0	739	No	No	10.50	11.60	No	No
-0:14	4.0	702	No	No	19.00	15.20	No	No
-0:13	3.5	703	No	No	19.50	15.60	No	No
-0:12	3.0	632	No	No	23.00	15.20	No	No
-0:11	3.0	634	No	No	20.00	12.80	No	No
-0:10	3.0	594	No	No	25.50	0.00	No	No
-0:09	3.0	605	No	No	23.00	0.00	No	No
-0:08	3.0	593	No	No	26.00	0.80	No	No
-0:07	2.5	604	No	No	23.50	2.40	No	No
-0:06	3.0	594	No	No	26.00	8.00	No	No
-0:05	3.0	609	No	No	22.00	5.60	No	No
-0:04	3.0	600	No	No	23.00	0.00	No	No
-0:03	2.5	593	Yes	No	27.50	0.00	No	No
-0:02	2.0	582	Yes	No	33.50	0.00	No	No
-0:01	0.5	604	Yes	No	31.50	0.00	No	No
0:00	0.0	593	Yes	No	35.00	0.00	No	No
+0:01	0.0	607	Yes	No	31.00	0.00	No	No
+0:02	0.0	593	Yes	No	35.50	0.00	No	No
+0:03	0.0	604	Yes	No	32.00	0.00	No	No
+0:04	0.0	594	Yes	No	36.00	0.00	No	No
+0:05	0.0	600	Yes	No	33.50	0.00	No	No
+0:06	0.0	599	Yes	No	34.50	0.00	No	No
+0:07	0.0	598	Yes	No	34.00	0.00	No	No
+0:08	0.0	602	Yes	No	33.50	0.00	No	No
+0:09	0.0	597	Yes	No	34.00	0.00	No	No
+0:10	0.0	606	Yes	No	32.50	0.00	No	No
+0:11	0.0	595	Yes	No	35.00	0.00	No	No
+0:12	0.0	606	Yes	No	32.00	0.00	No	No
+0:13	0.0	595	Yes	No	35.00	0.00	No	No
+0:14	0.0	130	Yes	No	0.00	0.00	No	No
+0:15	0.0	0	Yes	No	0.00	0.00	No	No