

# DDEC® Reports - Trip Activity

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

Driver ID:

Odometer: 858806.7 mi

Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

## Driving

Time	0:01:39
Percent	6.91 %
Fuel	0.00 gal
Economy	0.00 mpg

## Vehicle Speed Limiting

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

## Top Gear

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

## Top Gear - 1

Time	0:00:01
Percent	1.01 %
Distance	0.0 mi
Fuel	0.00 gal

## Cruise

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

## Top Gear Cruise

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

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

Count	0
Time	0:00:00
Percent	0.00 %

## Speeding B(>=71 mph)

Count	0
Time	0:00:00
Percent	0.00 %

## Highest Speed 13.5 mph

Occurred 03/28/19 8:21:32 (EST)

## Coasting Time 0:00:00

## Coasting Percent 0.00 %

## Stop Idle

Time	0:10:04
Percent	42.15 %
Fuel	0.13 gal

## Over Rev Limit 1800 rpm

Count	0
Time	0:00:00
Percent	0.00 %

## Highest RPM 1809 rpm

Occurred 03/27/19 14:42:19 (EST)

## Diag. Records 0

## Hard Brake Count 0

## Firm Brake Count 0

## Brake Count 4

## Eng. Brake Time 0:00:00

## Fan On Time

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

## Engine Utilization 1.40 %

## Vehicle Utilization 0.10 %

## DPF Regeneration

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

## Diesel Exhaust Fluid (DEF)

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

# DDEC® Reports - Trip Activity

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Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

Driver ID:

Odometer: 858806.7 mi

Engine S/N: 472903S0087453

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Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

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## 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: 12/2/2020 9:00 AM

CSU

Partial Month: March, 2019 (EST)  
 Vehicle ID: 2452345  
 Driver ID:  
 Odometer: 858806.7 mi  
 Engine S/N: 472903S0087453

Trip Distance	2232.6 mi	Trip Time	59:55:58
Trip Fuel	326.49 gal	Fuel Consumption	5.45 gal/h
Fuel Economy	6.84 mpg	Idle Time	7:49:39
Avg Drive Load	40 %	Idle Percent	13.06 %
Avg Vehicle Speed	42.8 mph	Idle Fuel	52.36 gal
		Parked Regen Time	7:38:39

## Driving

Time 52:06:19  
 Percent 86.94 %  
 Fuel 274.13 gal  
 Economy 8.14 mpg

## Vehicle Speed Limiting

Time 13:32:39  
 Percent 25.99 %  
 Distance 860.8 mi  
 Fuel 91.75 gal

## Top Gear

Time 34:23:36  
 Percent 66.01 %  
 Distance 2032.9 mi  
 Fuel 237.00 gal

## Top Gear - 1

Time 2:07:08  
 Percent 4.07 %  
 Distance 78.7 mi  
 Fuel 10.25 gal

## Cruise

Time 10:10:40  
 Percent 19.53 %  
 Distance 646.7 mi  
 Fuel 73.50 gal

## Top Gear Cruise

Time 10:10:40  
 Percent 19.53 %  
 Distance 646.7 mi  
 Fuel 73.50 gal

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

Count 158  
 Time 0:24:50  
 Percent 0.79 %

## Speeding B(>=71 mph)

Count 0  
 Time 0:00:00  
 Percent 0.00 %

## Highest Speed

69.5 mph  
 Occurred 03/11/19 19:56:10 (EST)

## Coasting Time

0:02:08

## Coasting Percent

0.07 %

## Stop Idle

Time 2:33:15  
 Percent 4.26 %  
 Fuel 3.00 gal

## Over Rev Limit

1800 rpm  
 Count 0  
 Time 0:00:00  
 Percent 0.00 %

## Highest RPM

1819 rpm  
 Occurred 03/12/19 21:44:57 (EST)

## Diag. Records

151  
 Hard Brake Count 0  
 Firm Brake Count 111  
 Brake Count 915  
 Eng. Brake Time 0:03:41

## Fan On Time

Total Time 7:58:19  
 Engine System 0:04:43  
 Manual 0:00:00  
 A/C 0:17:48  
 DPF Fan Time 7:35:48

## Engine Utilization

8.32 %

## Vehicle Utilization

7.24 %

## DPF Regeneration

Parked Completed 12  
 Parked Regen Fuel 43.99 gal  
 Driving Completed 2  
 Driving Regen Fuel 4.75 gal

## Diesel Exhaust Fluid (DEF)

Trip Fluid 2.55 gal  
 Trip Percent 0.78 %  
 Trip Economy 875.60 mpg  
 Driving Fluid 1.63 gal  
 Driving Economy 1367.33 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

# DDEC® Reports - Monthly Activity

Print Date: 12/2/2020 9:00 AM

CSU

Partial Month: March, 2019 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	2232.6 mi	Trip Time	59:55:58
Trip Fuel	326.49 gal	Fuel Consumption	5.45 gal/h
Fuel Economy	6.84 mpg	Idle Time	7:49:39
Avg Drive Load	40 %	Idle Percent	13.06 %
Avg Vehicle Speed	42.8 mph	Idle Fuel	52.36 gal
		Parked Regen Time	7:38:39

## 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: 12/2/2020 9:00 AM

CSU

Month: February, 2019 (EST)  
 Vehicle ID: 2452345  
 Driver ID:  
 Odometer: 858806.7 mi  
 Engine S/N: 472903S0087453

Trip Distance	4304.0 mi	Trip Time	95:48:09
Trip Fuel	496.88 gal	Fuel Consumption	5.19 gal/h
Fuel Economy	8.66 mpg	Idle Time	7:43:36
Avg Drive Load	38 %	Idle Percent	8.07 %
Avg Vehicle Speed	48.9 mph	Idle Fuel	6.88 gal
		Parked Regen Time	0:00:00

## Driving

Time 88:04:33  
 Percent 91.93 %  
 Fuel 490.00 gal  
 Economy 8.78 mpg

## Vehicle Speed Limiting

Time 18:10:59  
 Percent 20.64 %  
 Distance 1157.2 mi  
 Fuel 114.50 gal

## Top Gear

Time 69:10:01  
 Percent 78.53 %  
 Distance 3934.9 mi  
 Fuel 418.00 gal

## Top Gear - 1

Time 4:05:37  
 Percent 4.65 %  
 Distance 135.6 mi  
 Fuel 17.25 gal

## Cruise

Time 21:30:10  
 Percent 24.41 %  
 Distance 1378.4 mi  
 Fuel 157.50 gal

## Top Gear Cruise

Time 21:30:10  
 Percent 24.41 %  
 Distance 1378.4 mi  
 Fuel 157.50 gal

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

Count 85  
 Time 0:11:20  
 Percent 0.21 %

## Speeding B(>=71 mph)

Count 0  
 Time 0:00:00  
 Percent 0.00 %

## Highest Speed

69.5 mph  
 Occurred 02/26/19 17:04:39 (EST)

## Coasting Time

0:00:00

## Coasting Percent

0.00 %

## Stop Idle

Time 0:46:15  
 Percent 0.80 %  
 Fuel 1.00 gal

## Over Rev Limit

1800 rpm  
 Count 0  
 Time 0:00:00  
 Percent 0.00 %

## Highest RPM

1818 rpm  
 Occurred 02/07/19 10:17:43 (EST)

## Diag. Records

0  
 Hard Brake Count 0  
 Firm Brake Count 198  
 Brake Count 2030  
 Eng. Brake Time 0:00:00

## Fan On Time

Total Time 0:01:35  
 Engine System 0:01:00  
 Manual 0:00:00  
 A/C 0:00:35  
 DPF Fan Time 0:00:00

## Engine Utilization

14.78 %

## Vehicle Utilization

13.59 %

## DPF Regeneration

Parked Completed 0  
 Parked Regen Fuel 0.00 gal  
 Driving Completed 4  
 Driving Regen Fuel 7.36 gal

## Diesel Exhaust Fluid (DEF)

Trip Fluid 8.42 gal  
 Trip Percent 1.69 %  
 Trip Economy 511.26 mpg  
 Driving Fluid 8.23 gal  
 Driving Economy 522.84 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

# DDEC® Reports - Monthly Activity

Print Date: 12/2/2020 9:00 AM

CSU

Month: February, 2019 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	4304.0 mi	Trip Time	95:48:09
Trip Fuel	496.88 gal	Fuel Consumption	5.19 gal/h
Fuel Economy	8.66 mpg	Idle Time	7:43:36
Avg Drive Load	38 %	Idle Percent	8.07 %
Avg Vehicle Speed	48.9 mph	Idle Fuel	6.88 gal
		Parked Regen Time	0:00:00

## 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: 12/2/2020 9:00 AM

CSU		Month:	January, 2019 (EST)
		Vehicle ID:	2452345
		Driver ID:	
		Odometer:	858806.7 mi
		Engine S/N:	472903S0087453
Trip Distance	7592.9 mi	Trip Time	165:00:58
Trip Fuel	951.00 gal	Fuel Consumption	5.76 gal/h
Fuel Economy	7.98 mpg	Idle Time	16:21:26
Avg Drive Load	41 %	Idle Percent	9.91 %
Avg Vehicle Speed	51.1 mph	Idle Fuel	13.25 gal
		Parked Regen Time	0:00:00
<b>Driving</b>		<b>Stop Idle</b>	
Time	148:39:32	Time	1:13:58
Percent	90.09 %	Percent	0.75 %
Fuel	937.75 gal	Fuel	1.38 gal
Economy	8.10 mpg	<b>Over Rev Limit</b>	
<b>Vehicle Speed Limiting</b>		<b>1800 rpm</b>	
Time	41:10:58	Count	0
Percent	27.70 %	Time	0:00:00
Distance	2639.8 mi	Percent	0.00 %
Fuel	297.25 gal	<b>Highest RPM</b>	
<b>Top Gear</b>		<b>2078 rpm</b>	
Time	119:34:30	Occurred 01/24/19 10:38:35 (EST)	
Percent	80.44 %	<b>Diag. Records</b>	
Distance	7036.7 mi	<b>0</b>	
Fuel	827.13 gal	<b>Hard Brake Count</b>	
<b>Top Gear - 1</b>		<b>0</b>	
Time	6:08:38	<b>Firm Brake Count</b>	
Percent	4.13 %	<b>229</b>	
Distance	210.6 mi	<b>Brake Count</b>	
Fuel	29.00 gal	<b>2882</b>	
<b>Cruise</b>		<b>Eng. Brake Time</b>	
Time	48:46:08	<b>0:03:17</b>	
Percent	32.81 %	<b>Fan On Time</b>	
Distance	3130.9 mi	Total Time	
Fuel	395.13 gal	1:24:02	
<b>Top Gear Cruise</b>		Engine System	
Time	48:46:08	0:00:00	
Percent	32.81 %	Manual	
Distance	3130.9 mi	0:00:00	
Fuel	395.13 gal	A/C	
<b>Speeding A(&gt;=66 and &lt;71 mph)</b>		1:24:02	
Count	153	DPF Fan Time	
Time	0:17:29	0:00:00	
Percent	0.20 %	<b>Engine Utilization</b>	
<b>Speeding B(&gt;=71 mph)</b>		<b>22.92 %</b>	
Count	0	<b>Vehicle Utilization</b>	
Time	0:00:00	<b>20.65 %</b>	
Percent	0.00 %	<b>DPF Regeneration</b>	
<b>Highest Speed</b>		Parked Completed	
Occurred 01/03/19 3:01:10 (EST)	68.0 mph	0	
<b>Coasting Time</b>		Parked Regen Fuel	
<b>0:00:00</b>		0.00 gal	
<b>Coasting Percent</b>		Driving Completed	
<b>0.00 %</b>		6	
		Driving Regen Fuel	
		12.13 gal	
		<b>Diesel Exhaust Fluid (DEF)</b>	
		Trip Fluid	
		28.41 gal	
		Trip Percent	
		2.99 %	
		Trip Economy	
		267.30 mpg	
		Driving Fluid	
		27.93 gal	
		Driving Economy	
		271.82 mpg	
		<b>Optimized Idle Time</b>	
		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	
		<b>Optimized Idle Battery Charging Starts</b>	
		Normal Count	
		0	
		Alternate Count	
		0	
		Continuous Run	
		0	

# DDEC® Reports - Monthly Activity

Print Date: 12/2/2020 9:00 AM

CSU

Month: January, 2019 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	7592.9 mi	Trip Time	165:00:58
Trip Fuel	951.00 gal	Fuel Consumption	5.76 gal/h
Fuel Economy	7.98 mpg	Idle Time	16:21:26
Avg Drive Load	41 %	Idle Percent	9.91 %
Avg Vehicle Speed	51.1 mph	Idle Fuel	13.25 gal
		Parked Regen Time	0:00:00

## 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 - Configuration

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

Driver ID:

Odometer: 858806.7 mi

Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

Hard Brake Limit	7.0 mph/s
Stop Idle Limit	5 min
Top Gear Limit	20 rpm/mph
Top Gear-1 Limit	28 rpm/mph

Learned On: 03/27/2019 (EST)

ECM S/W X22\_04\_000a  
ECM Type DDEC 10  
Config. Change 03/27/2019 (EST)

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

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

Driver ID:

Odometer: 858806.7 mi

Engine S/N: 472903S0087453

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Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

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Total Distance	858806.7 mi
Total Time	18407:25:15
Total Fuel	121176.40 gal
Overall Fuel Economy	7.09 mpg
Avg Vehicle Speed	46.66 mph
Idle Time	2502:03:28
Idle Percent	13.59 %
Idle Fuel	1942.87 gal
VSG(PTO) Total Time	30:53:12
VSG(PTO) Percent	0.17 %
VSG(PTO) Total Fuel	30.50 gal
VSG(PTO) Working Time	0:03:01
VSG(PTO) Working Fuel	0.13 gal
Cruise Percent	17.32 %
Cruise Time	2754:47:12
Eng. Brake Time	81:53:41
Revolutions/mi	1466
Average RPM	1139

## DPF Regeneration

Parked Completed	34
Occurred	03/27/19 07:21 (EST)
Driving Completed	354
Occurred	03/11/19 19:20 (EST)

## Predictive Cruise Control

Time	0:00:00
Percent	0.00 %

## 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	1187:46:47
Engine System	15:40:59
Manual	0:00:00
A/C	1172:05:48
DPF Fan Time	20:44:43

## Peak Road Speed 79.5 mph

Occurred 03/10/15 16:25 (EST)

## Peak Engine RPM 2126 rpm

Occurred 01/17/14 00:26 (EST)

Parked Regen Fuel	124.49 gal
Driving Regen Fuel	767.98 gal
Parked Regen Time	21:30:26

## Diesel Exhaust Fluid (DEF)

Total Fluid	3282.13 gal
Total Percent	2.71 %
Total Economy	261.66 mpg
Driving Fluid	3225.25 gal
Driving Economy	266.28 mpg

# DDEC® Reports - Vehicle Speed/RPM

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Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

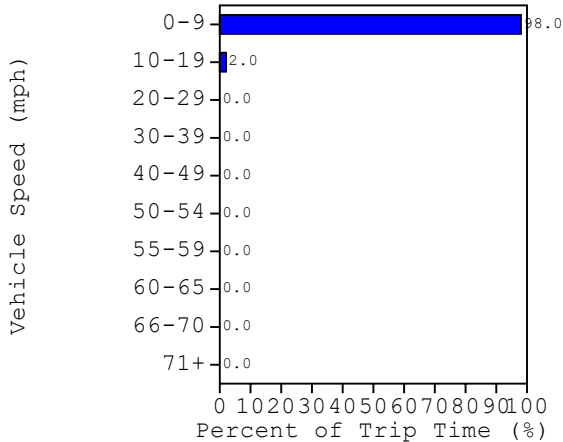
Driver ID:

Odometer: 858806.7 mi

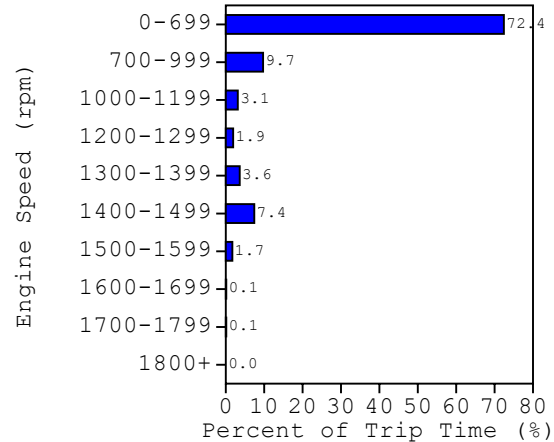
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

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	72.0	0.3									72.4
700- 999	9.7										9.7
1000-1199	2.5	0.6									3.1
1200-1299	1.5	0.4									1.9
1300-1399	3.1	0.4									3.6
1400-1499	7.2	0.2									7.4
1500-1599	1.7										1.7
1600-1699	0.1										0.1
1700-1799	0.1										0.1
1800+											
Total	98.0	2.0									
Brakes	4										4
Hard Brakes											
Firm Brakes											

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

# DDEC® Reports - Engine Load/RPM

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

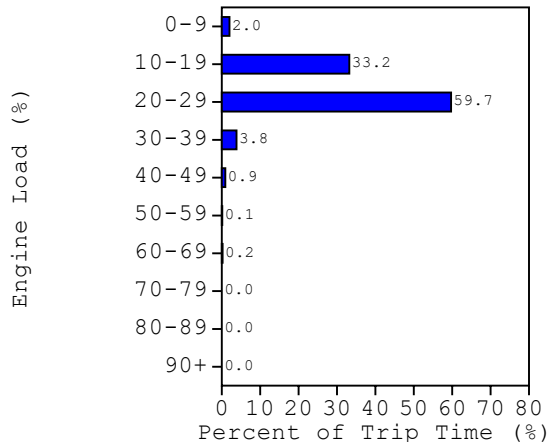
Driver ID:

Odometer: 858806.7 mi

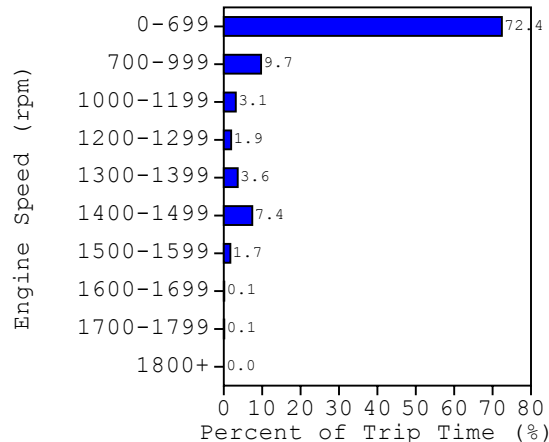
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

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	20.4	48.3	2.4	0.4	0.1	0.1				72.4
700- 999	0.6	0.5	7.0	1.0	0.3	0.1	0.1				9.7
1000-1199	0.3	1.1	1.7								3.1
1200-1299		0.8	0.9	0.1	0.1						1.9
1300-1399	0.1	1.8	1.5	0.1							3.6
1400-1499	0.1	7.0	0.2	0.1							7.4
1500-1599	0.1	1.5	0.1								1.7
1600-1699	0.1										0.1
1700-1799			0.1								0.1
1800+											
Total	2.0	33.2	59.7	3.8	0.9	0.1	0.2				

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

# DDEC® Reports - Over Speed/Over Rev

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

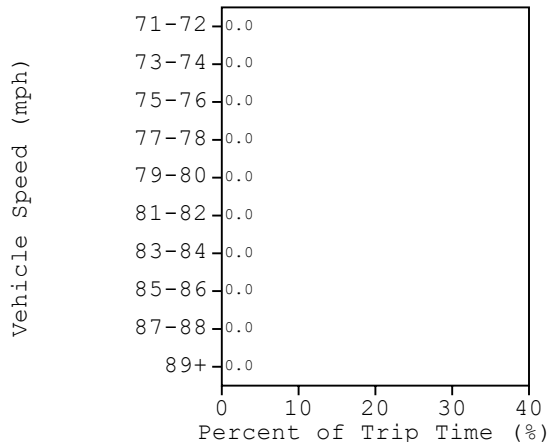
Driver ID:

Odometer: 858806.7 mi

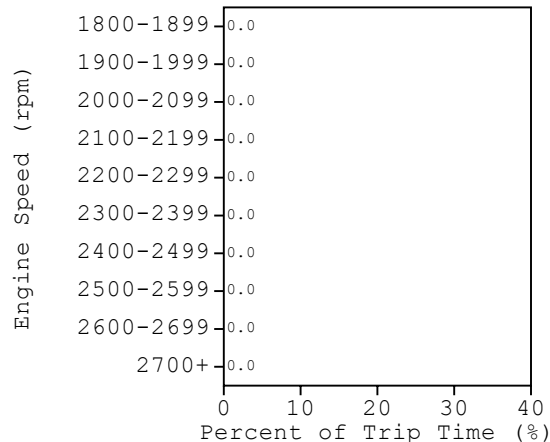
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

Over Speed Histogram



Over Rev Histogram



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

Vehicle Speed Table Does Not Exist For DDECREPORTSEXTACTION032819.XTR  
(Table Data Does Not Exist)

Engine Speed (rpm)

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

# DDEC® Reports - Daily Engine Usage

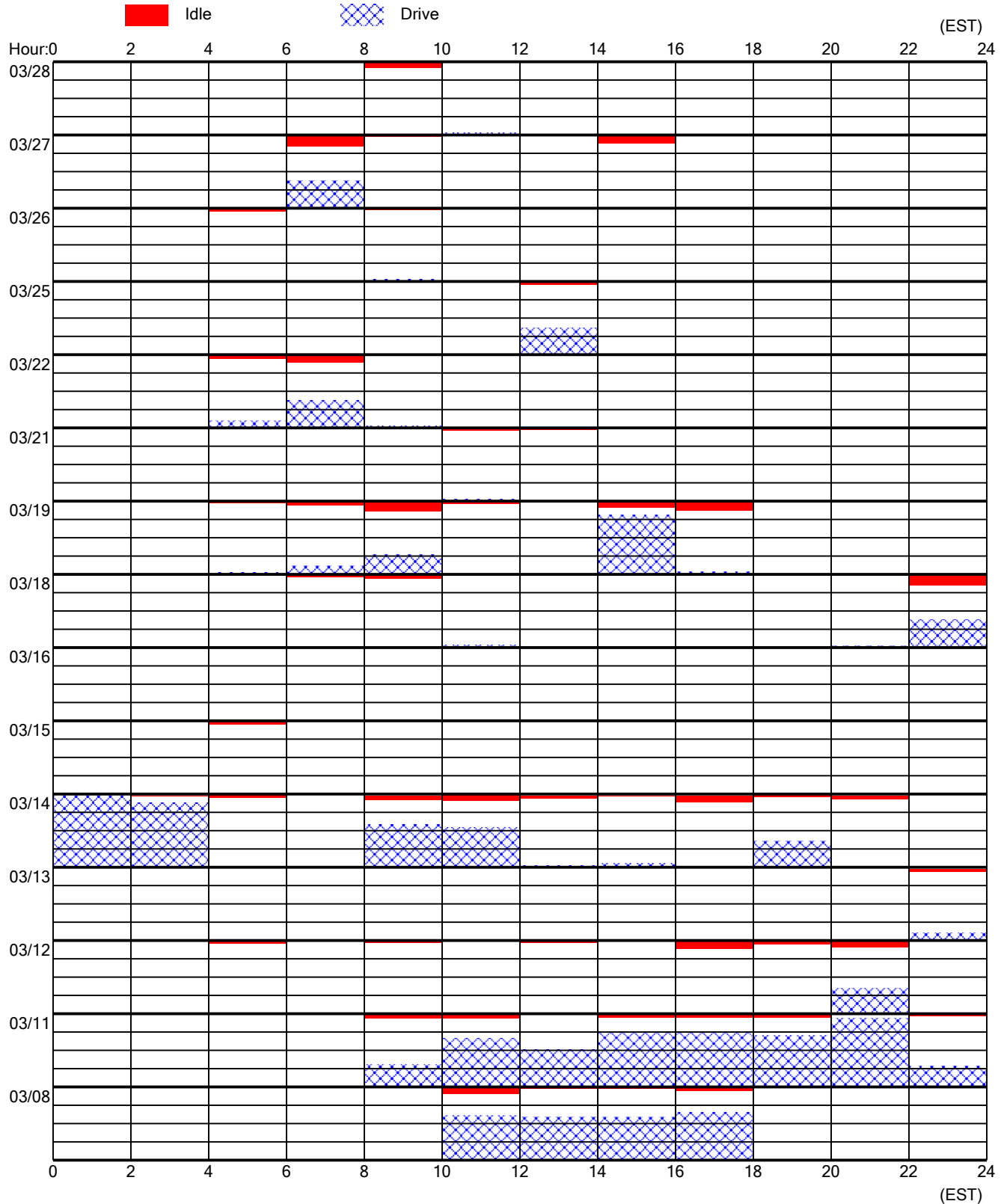
Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345

Driver ID:

Engine S/N: 472903S0087453



# DDEC® Reports - Daily Engine Usage

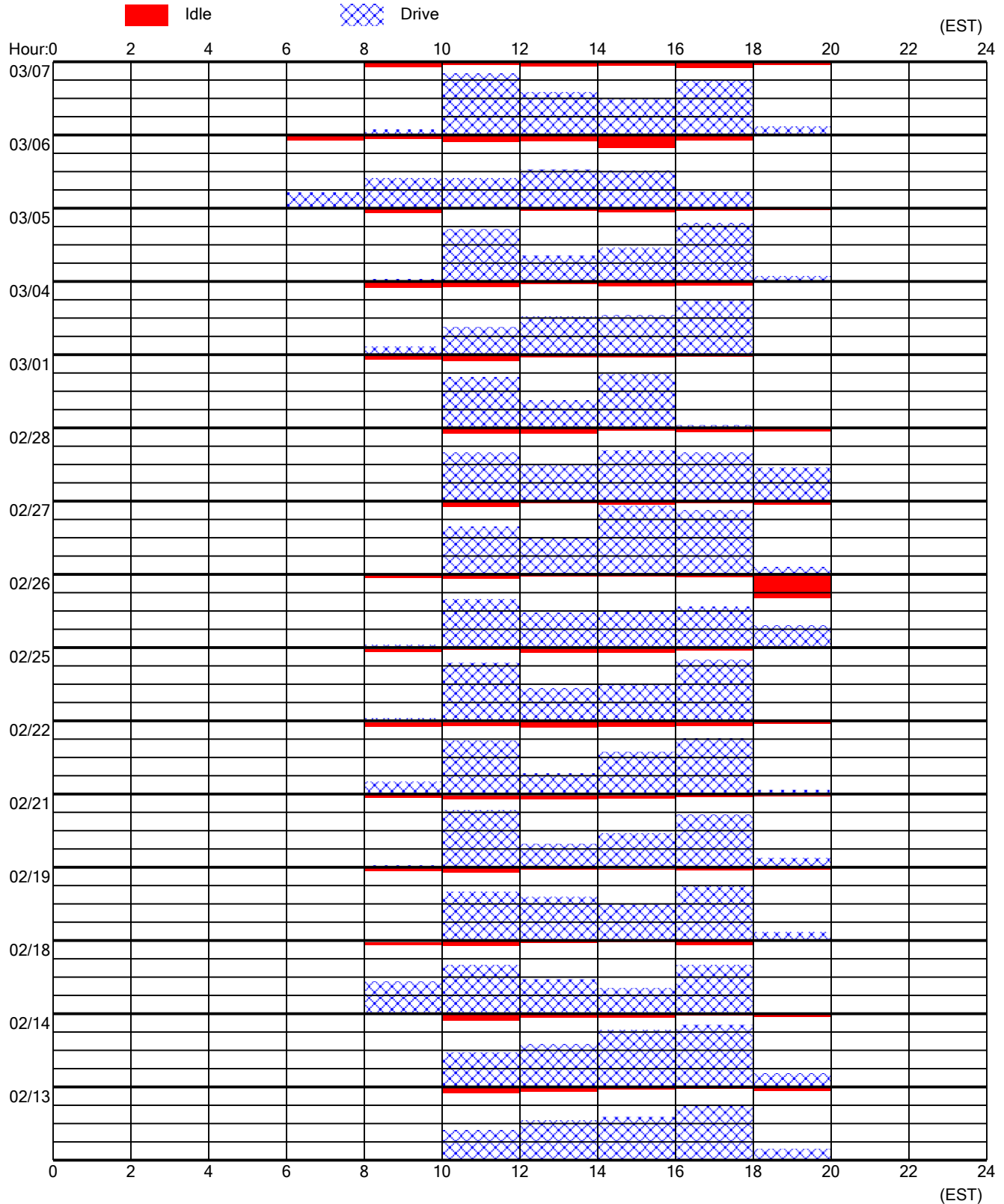
Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345

Driver ID:

Engine S/N: 472903S0087453



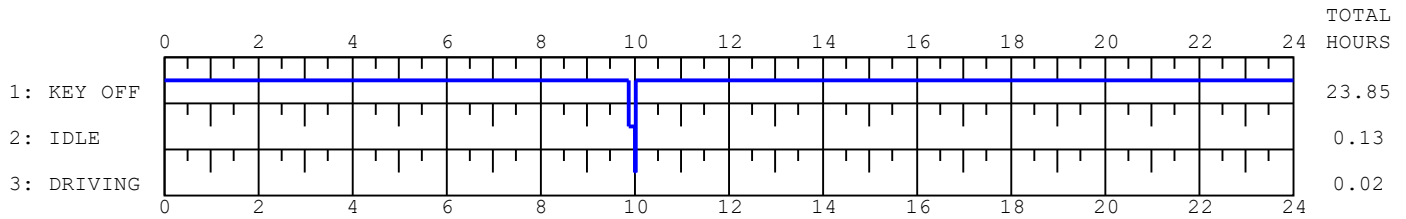
# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

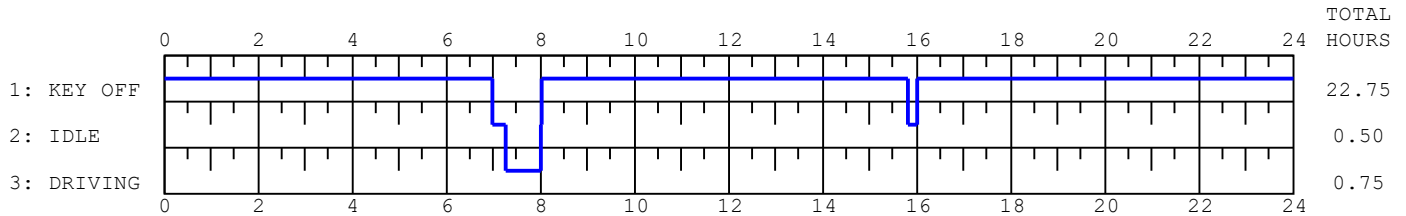
Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

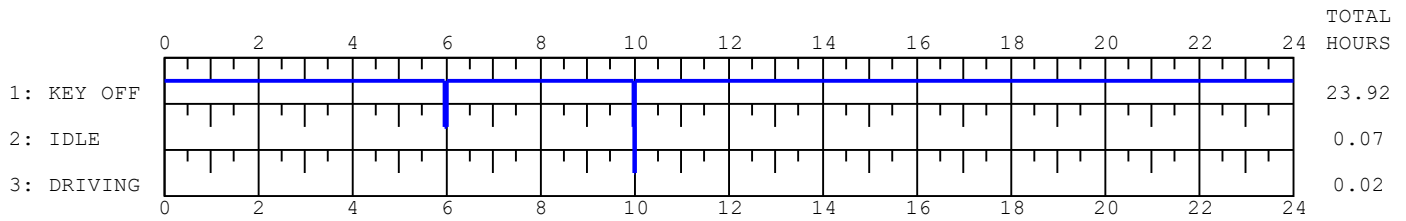
(3/28/2019)



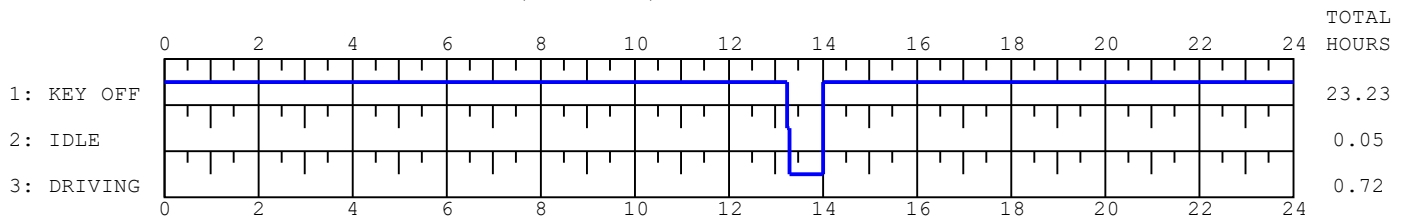
(3/27/2019)



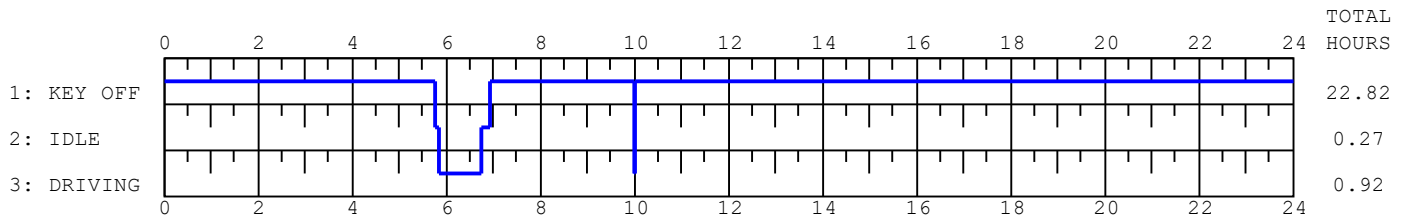
(3/26/2019)



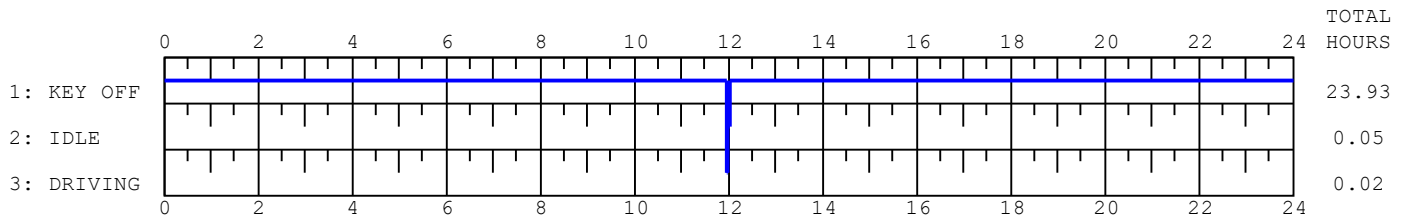
(3/25/2019)



(3/22/2019)



(3/21/2019)





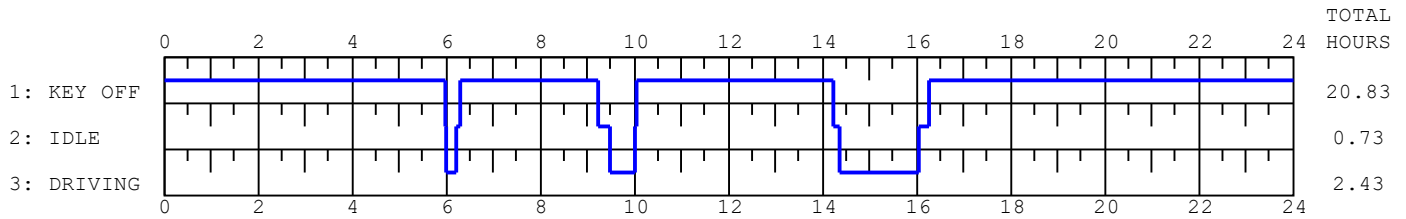
# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

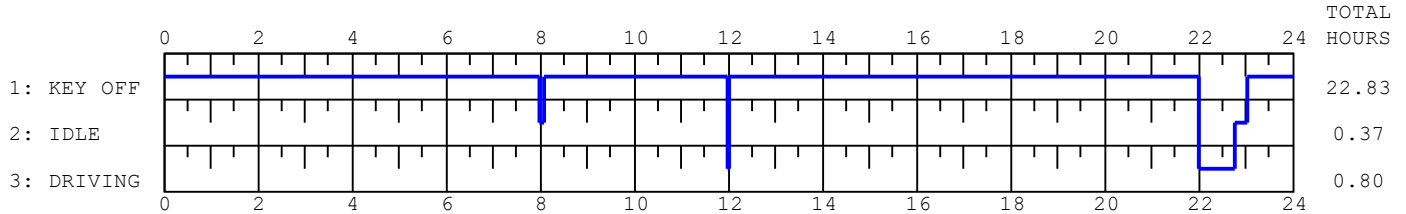
Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

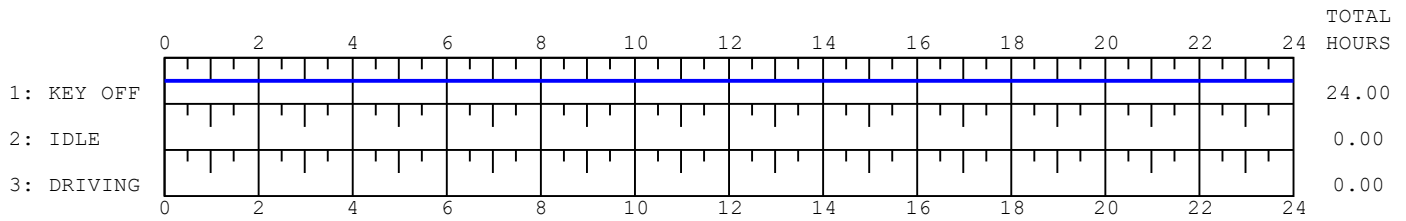
(3/19/2019)



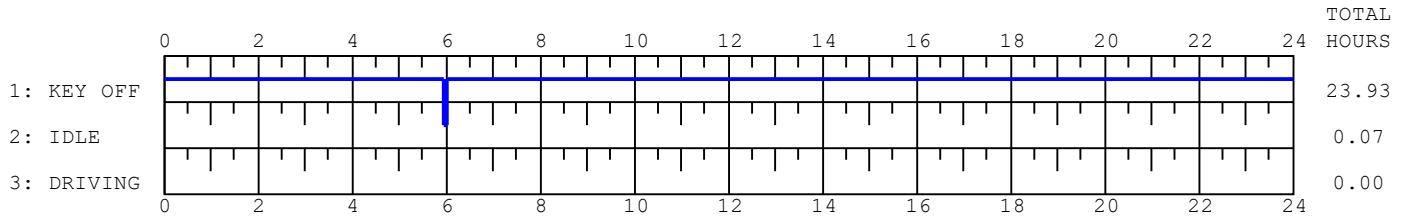
(3/18/2019)



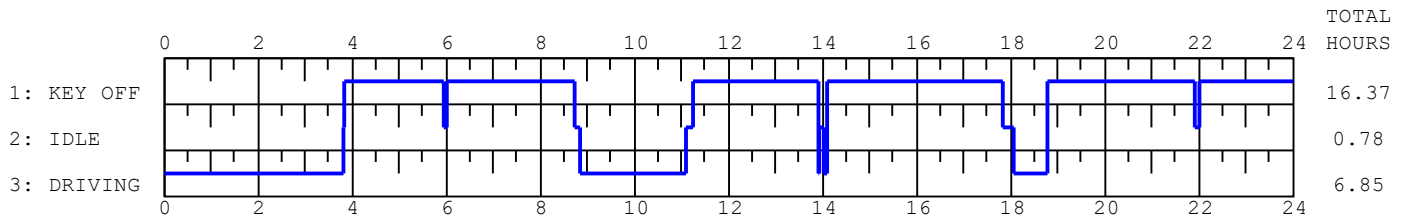
(3/16/2019)



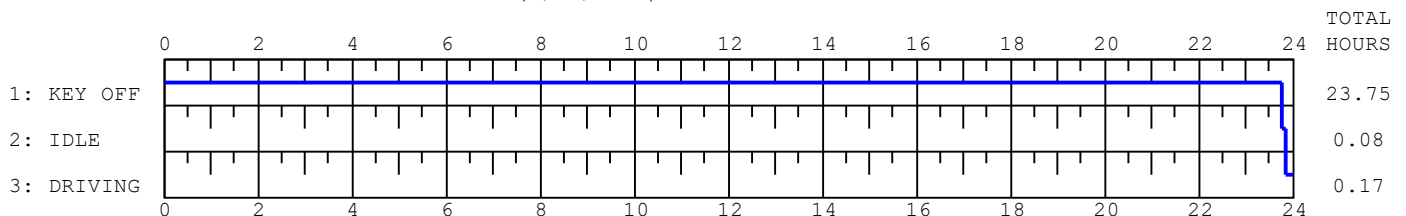
(3/15/2019)



(3/14/2019)



(3/13/2019)



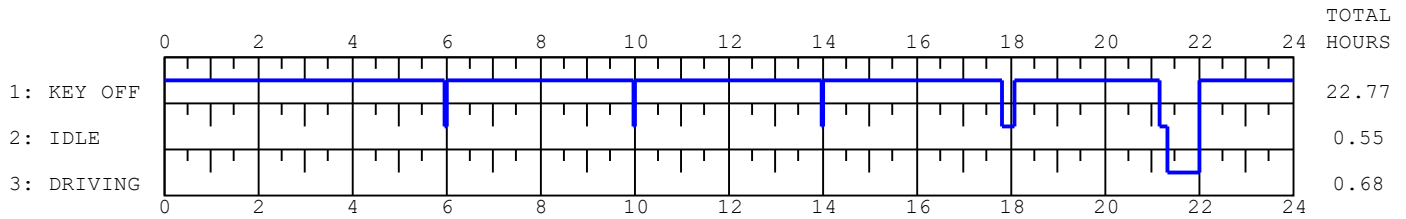
# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

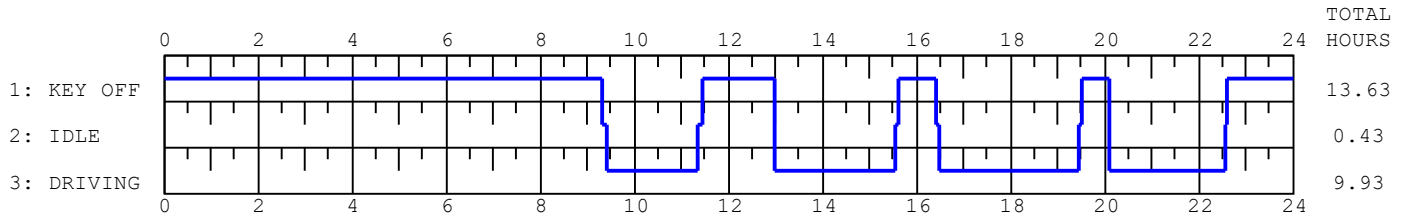
Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

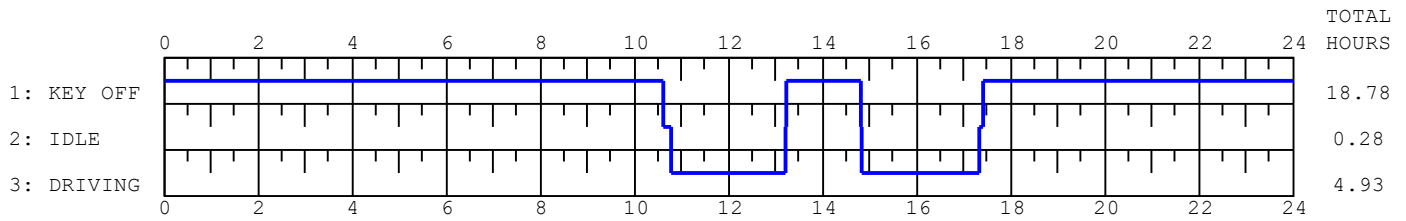
(3/12/2019)



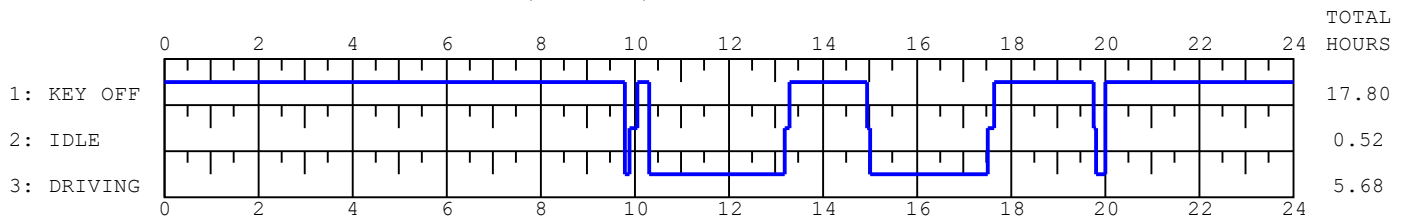
(3/11/2019)



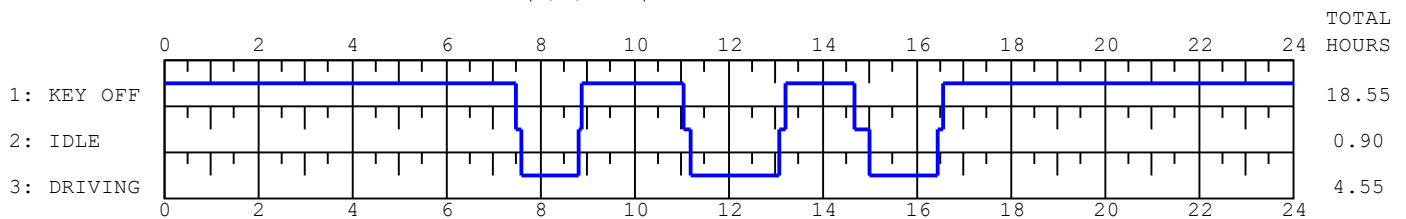
(3/8/2019)



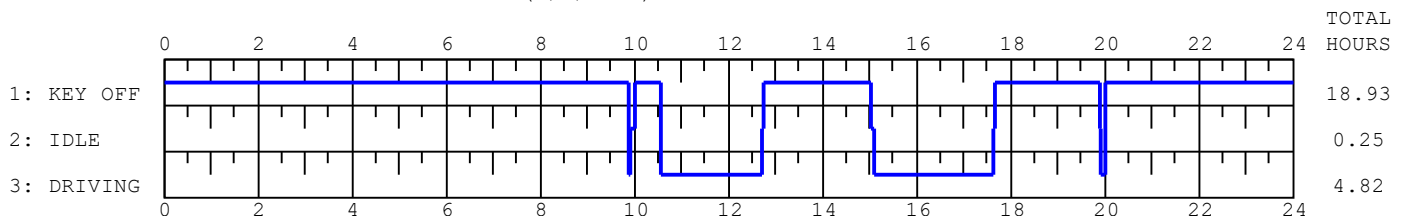
(3/7/2019)



(3/6/2019)



(3/5/2019)



# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

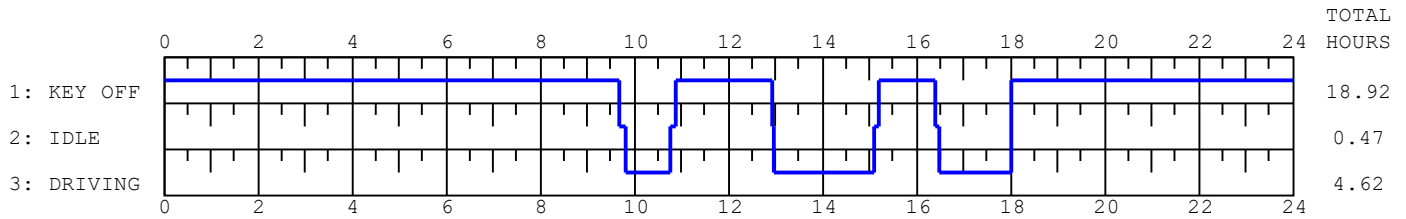
Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345

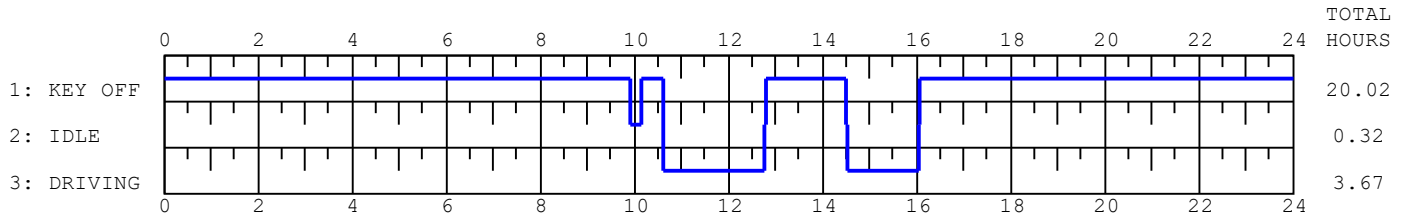
Driver ID:

Engine S/N: 472903S0087453

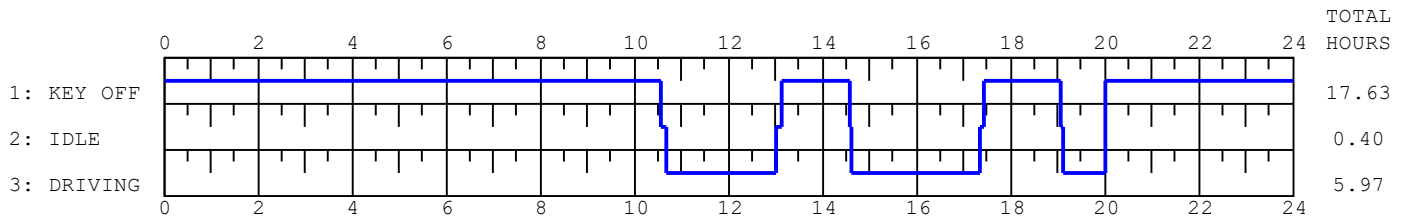
(3/4/2019)



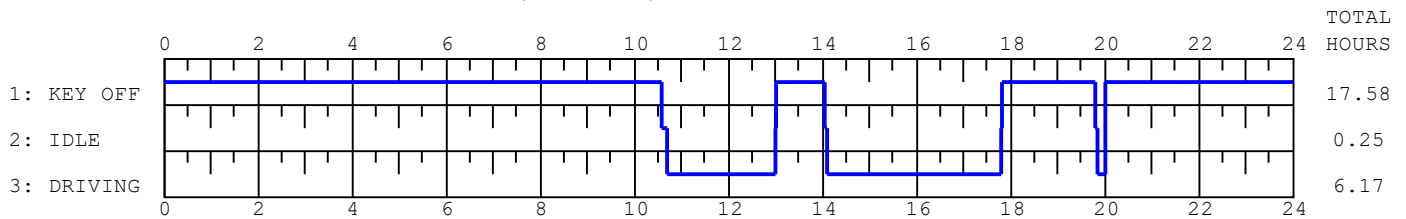
(3/1/2019)



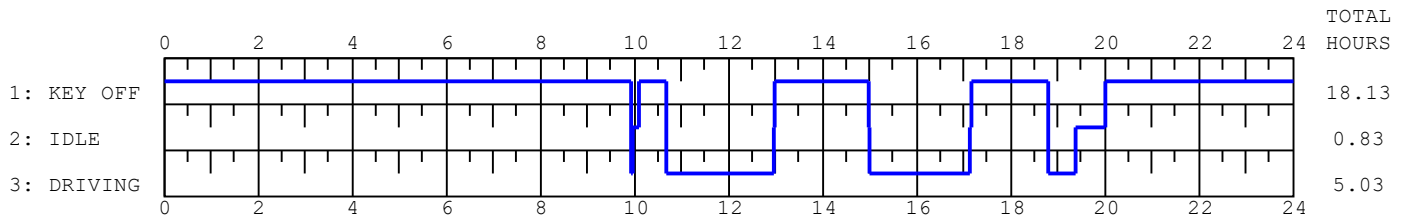
(2/28/2019)



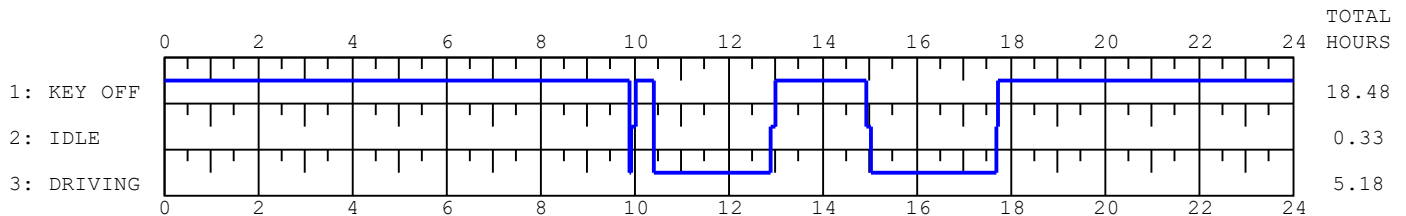
(2/27/2019)



(2/26/2019)



(2/25/2019)



# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

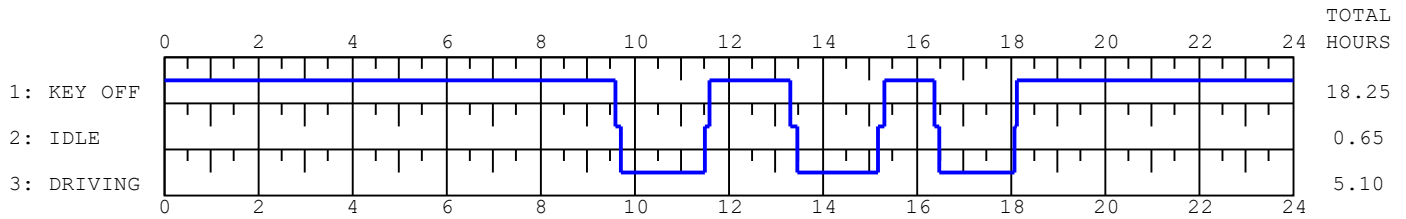
Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345

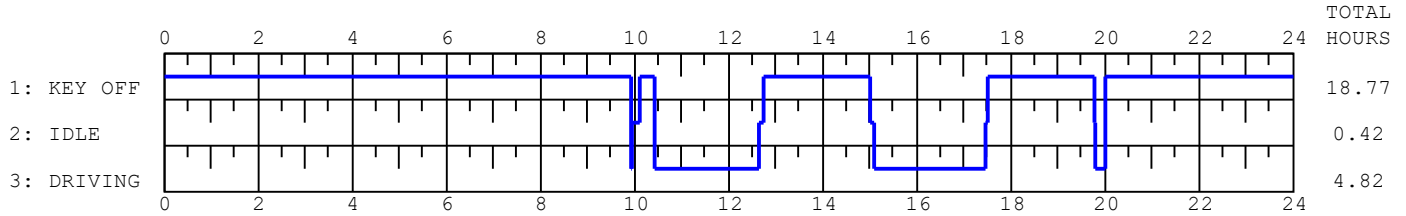
Driver ID:

Engine S/N: 472903S0087453

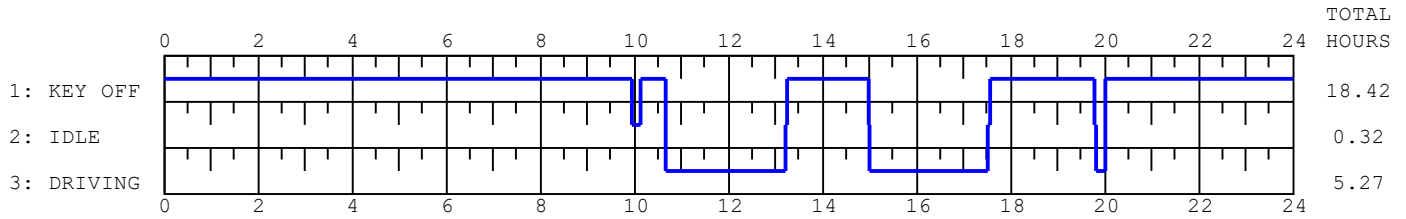
(2/22/2019)



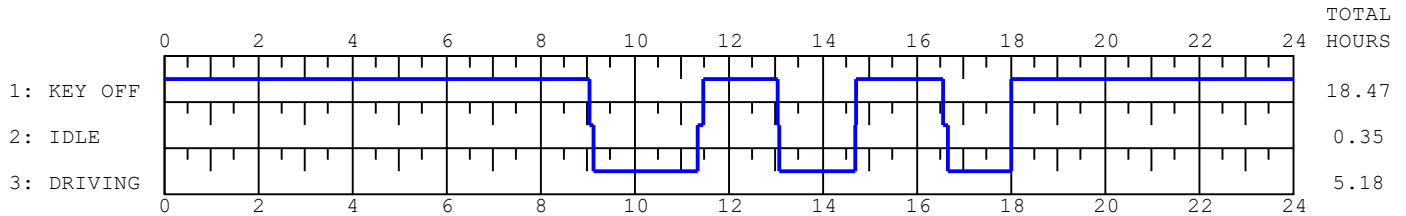
(2/21/2019)



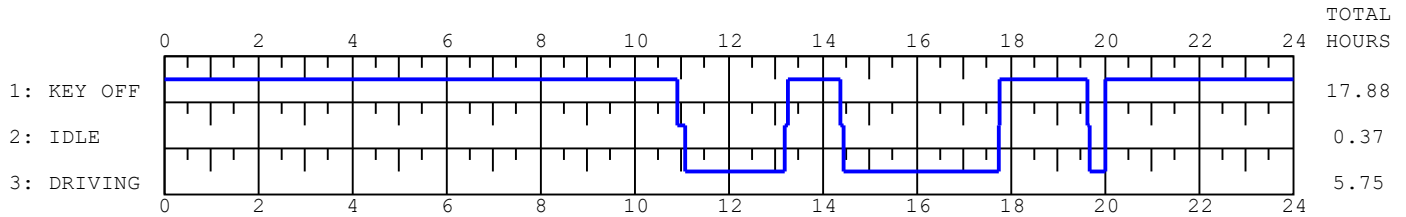
(2/19/2019)



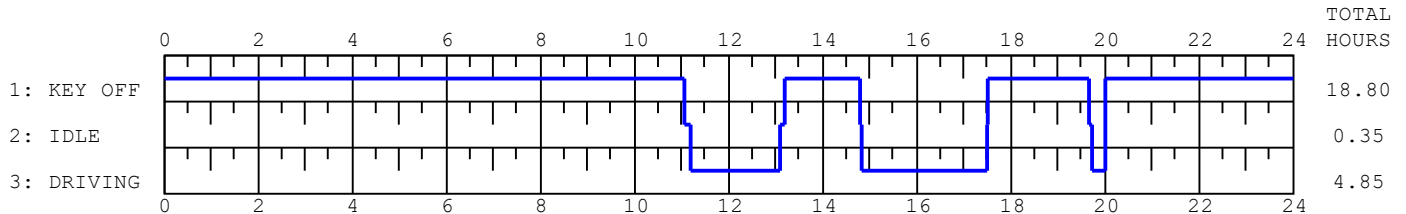
(2/18/2019)



(2/14/2019)



(2/13/2019)



# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/28/2019
Start Time:	08:19:06 EST
Odometer:	858806.50 mi
Distance:	0.20 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	12.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:01	00:08	23:51
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	8	112
10:00-12:00	1	0	119
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:	3/27/2019
Start Time:	05:39:51 EST
Odometer:	858806.50 mi
Distance:	0.00 mi
Fuel:	4.25 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph
DEF Fluid:	0.15 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:45	00:30	22:45
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	45	17	58
08:00-10:00	0	1	119
10:00-12:00	0	0	120
12:00-14:00	0	0	120
14:00-16:00	0	12	108
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:	3/26/2019
Start Time:	05:06:28 EST
Odometer:	858806.50 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)	00:01	00:04	23:55
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	3	117
06:00-08:00	0	0	120
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: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/25/2019
Start Time:	12:44:06 EST
Odometer:	858806.20 mi
Distance:	0.30 mi
Fuel:	3.75 gal
Fuel Economy:	0.08 mpg
Average Speed:	0.42 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:43	00:03	23:14
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	43	3	74
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:	3/22/2019
Start Time:	05:41:52 EST
Odometer:	858806.20 mi
Distance:	0.00 mi
Fuel:	4.50 gal
Fuel Economy:	0.00 mpg
Average Speed:	0.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:55	00:16	22:49
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	10	5	105
06:00-08:00	44	11	65
08:00-10:00	1	0	119
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:	3/21/2019
Start Time:	11:31:24 EST
Odometer:	858806.20 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)	00:01	00:03	23:56
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	1	2	117
12:00-14:00	0	1	119
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: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/19/2019
Start Time:	00:00:00 EST
Odometer:	858805.80 mi
Distance:	0.40 mi
Fuel:	12.25 gal
Fuel Economy:	0.03 mpg
Average Speed:	0.16 mph
DEF Fluid:	0.18 gal
Trip Economy:	2.25 mpg

Total (hh:mm)	02:26	00:44	20:50
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	1	1	118
06:00-08:00	12	5	103
08:00-10:00	32	15	73
10:00-12:00	0	2	118
12:00-14:00	0	0	120
14:00-16:00	99	8	13
16:00-18:00	2	13	105
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	3/18/2019
Start Time:	07:38:40 EST
Odometer:	858805.50 mi
Distance:	0.30 mi
Fuel:	4.25 gal
Fuel Economy:	0.07 mpg
Average Speed:	0.38 mph
DEF Fluid:	0.13 gal
Trip Economy:	2.25 mpg

Total (hh:mm)	00:48	00:22	22:50
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	4	116
10:00-12:00	2	0	118
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	1	0	119
22:00-24:00	45	16	59

Date:	3/16/2019
Start Time:	08:05:11 EST
Odometer:	858805.50 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

# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/15/2019
Start Time:	04:37:11 EST
Odometer:	858805.50 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	00:04	23:56
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	4	116
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:	3/14/2019
Start Time:	00:00:00 EST
Odometer:	858488.30 mi
Distance:	317.20 mi
Fuel:	51.00 gal
Fuel Economy:	6.22 mpg
Average Speed:	46.31 mph
DEF Fluid:	1.54 gal
Trip Economy:	206.10 mpg

Total (hh:mm)	06:51	00:47	16:22
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	120	0	0
02:00-04:00	108	1	11
04:00-06:00	0	4	116
06:00-08:00	0	0	120
08:00-10:00	70	7	43
10:00-12:00	65	9	46
12:00-14:00	1	5	114
14:00-16:00	4	1	115
16:00-18:00	0	11	109
18:00-20:00	43	3	74
20:00-22:00	0	6	114
22:00-24:00	0	0	120

Date:	3/13/2019
Start Time:	23:08:16 EST
Odometer:	858483.70 mi
Distance:	4.60 mi
Fuel:	1.00 gal
Fuel Economy:	4.60 mpg
Average Speed:	27.60 mph
DEF Fluid:	0.02 gal
Trip Economy:	247.92 mpg

Total (hh:mm)	00:10	00:05	23:45
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	10	5	105



# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/12/2019
Start Time:	05:17:02 EST
Odometer:	858483.50 mi
Distance:	0.20 mi
Fuel:	3.50 gal
Fuel Economy:	0.06 mpg
Average Speed:	0.29 mph
DEF Fluid:	0.14 gal
Trip Economy:	1.46 mpg

Total (hh:mm)	00:41	00:33	22:46
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	3	117
06:00-08:00	0	0	120
08:00-10:00	0	2	118
10:00-12:00	0	0	120
12:00-14:00	0	2	118
14:00-16:00	0	0	120
16:00-18:00	0	12	108
18:00-20:00	0	4	116
20:00-22:00	41	10	69
22:00-24:00	0	0	120

Date:	3/11/2019
Start Time:	09:05:17 EST
Odometer:	857932.80 mi
Distance:	550.70 mi
Fuel:	76.00 gal
Fuel Economy:	7.25 mpg
Average Speed:	55.44 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	09:56	00:26	13:38
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	36	6	78
10:00-12:00	80	6	34
12:00-14:00	62	0	58
14:00-16:00	92	4	24
16:00-18:00	92	4	24
18:00-20:00	86	4	30
20:00-22:00	115	0	5
22:00-24:00	33	2	85

Date:	3/8/2019
Start Time:	10:08:31 EST
Odometer:	857685.50 mi
Distance:	247.30 mi
Fuel:	24.75 gal
Fuel Economy:	9.99 mpg
Average Speed:	50.13 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	04:56	00:17	18:47
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	74	10	36
12:00-14:00	72	1	47
14:00-16:00	71	1	48
16:00-18:00	79	5	36
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: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/7/2019
Start Time:	09:43:49 EST
Odometer:	857408.20 mi
Distance:	277.30 mi
Fuel:	29.50 gal
Fuel Economy:	9.40 mpg
Average Speed:	48.79 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	05:41	00:31	17:48
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	6	7	107
10:00-12:00	102	3	15
12:00-14:00	71	6	43
14:00-16:00	60	4	56
16:00-18:00	90	8	22
18:00-20:00	12	3	105
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	3/6/2019
Start Time:	07:15:40 EST
Odometer:	857235.10 mi
Distance:	173.10 mi
Fuel:	18.25 gal
Fuel Economy:	9.48 mpg
Average Speed:	38.04 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	04:33	00:54	18:33
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	7	88
08:00-10:00	48	4	68
10:00-12:00	49	9	62
12:00-14:00	64	8	48
14:00-16:00	61	19	40
16:00-18:00	26	7	87
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	3/5/2019
Start Time:	09:43:36 EST
Odometer:	856996.70 mi
Distance:	238.40 mi
Fuel:	28.00 gal
Fuel Economy:	8.51 mpg
Average Speed:	49.49 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	04:49	00:15	18:56
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	2	6	112
10:00-12:00	87	0	33
12:00-14:00	42	2	76
14:00-16:00	55	4	61
16:00-18:00	97	2	21
18:00-20:00	6	1	113
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	3/4/2019
Start Time:	09:35:21 EST
Odometer:	856764.50 mi
Distance:	232.20 mi
Fuel:	27.00 gal
Fuel Economy:	8.60 mpg
Average Speed:	50.30 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	04:37	00:28	18:55
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	12	8	100
10:00-12:00	45	7	68
12:00-14:00	63	2	55
14:00-16:00	65	6	49
16:00-18:00	92	5	23
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	3/1/2019
Start Time:	09:53:51 EST
Odometer:	856574.10 mi
Distance:	190.40 mi
Fuel:	18.25 gal
Fuel Economy:	10.43 mpg
Average Speed:	51.93 mph
DEF Fluid:	0.39 gal
Trip Economy:	483.80 mpg

Total (hh:mm)	03:40	00:19	20:01
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	0	120
08:00-10:00	0	6	114
10:00-12:00	84	8	28
12:00-14:00	45	2	73
14:00-16:00	89	2	29
16:00-18:00	2	1	117
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/28/2019
Start Time:	10:13:25 EST
Odometer:	856269.40 mi
Distance:	304.70 mi
Fuel:	32.00 gal
Fuel Economy:	9.52 mpg
Average Speed:	51.07 mph
DEF Fluid:	0.86 gal
Trip Economy:	352.36 mpg

Total (hh:mm)	05:58	00:24	17:38
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	80	7	33
12:00-14:00	60	7	53
14:00-16:00	84	2	34
16:00-18:00	80	5	35
18:00-20:00	54	3	63
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	2/27/2019
Start Time:	10:10:49 EST
Odometer:	855938.80 mi
Distance:	330.60 mi
Fuel:	36.00 gal
Fuel Economy:	9.18 mpg
Average Speed:	53.61 mph
DEF Fluid:	0.97 gal
Trip Economy:	342.47 mpg

Total (hh:mm)	06:10	00:15	17:35
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	79	7	34
12:00-14:00	59	1	60
14:00-16:00	115	3	2
16:00-18:00	107	1	12
18:00-20:00	10	3	107
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/26/2019
Start Time:	09:39:04 EST
Odometer:	855708.70 mi
Distance:	230.10 mi
Fuel:	27.25 gal
Fuel Economy:	8.44 mpg
Average Speed:	45.72 mph
DEF Fluid:	0.77 gal
Trip Economy:	297.13 mpg

Total (hh:mm)	05:02	00:50	18:08
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	2	3	115
10:00-12:00	80	5	35
12:00-14:00	57	1	62
14:00-16:00	61	1	58
16:00-18:00	67	2	51
18:00-20:00	35	38	47
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/25/2019
Start Time:	09:45:46 EST
Odometer:	855468.30 mi
Distance:	240.40 mi
Fuel:	25.25 gal
Fuel Economy:	9.52 mpg
Average Speed:	46.38 mph
DEF Fluid:	0.70 gal
Trip Economy:	343.81 mpg

Total (hh:mm)	05:11	00:20	18:29
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	2	5	113
10:00-12:00	96	1	23
12:00-14:00	53	6	61
14:00-16:00	59	6	55
16:00-18:00	101	2	17
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: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	2/22/2019
Start Time:	09:30:54 EST
Odometer:	855234.40 mi
Distance:	233.90 mi
Fuel:	23.50 gal
Fuel Economy:	9.95 mpg
Average Speed:	45.86 mph
DEF Fluid:	0.62 gal
Trip Economy:	377.78 mpg

Total (hh:mm)	05:06	00:39	18:15
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	18	7	95
10:00-12:00	89	6	25
12:00-14:00	33	9	78
14:00-16:00	70	8	42
16:00-18:00	92	6	22
18:00-20:00	4	3	113
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/21/2019
Start Time:	09:34:21 EST
Odometer:	855004.10 mi
Distance:	230.30 mi
Fuel:	25.75 gal
Fuel Economy:	8.94 mpg
Average Speed:	47.81 mph
DEF Fluid:	0.74 gal
Trip Economy:	311.12 mpg

Total (hh:mm)	04:49	00:25	18:46
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	1	4	115
10:00-12:00	95	6	19
12:00-14:00	38	6	76
14:00-16:00	55	5	60
16:00-18:00	87	3	30
18:00-20:00	13	1	106
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/19/2019
Start Time:	09:55:17 EST
Odometer:	854748.80 mi
Distance:	255.30 mi
Fuel:	29.50 gal
Fuel Economy:	8.65 mpg
Average Speed:	48.47 mph
DEF Fluid:	1.03 gal
Trip Economy:	247.56 mpg

Total (hh:mm)	05:16	00:19	18:25
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	4	116
10:00-12:00	81	7	32
12:00-14:00	72	2	46
14:00-16:00	61	1	58
16:00-18:00	90	3	27
18:00-20:00	12	2	106
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Daily Engine Usage

Print Date: 12/2/2020 9:00 AM  
CSU

Date Range: 03/28/19 To 02/13/19 (EST)

Vehicle ID: 2452345  
Driver ID:  
Engine S/N: 472903S0087453

Date:	2/18/2019
Start Time:	08:34:22 EST
Odometer:	854484.40 mi
Distance:	264.40 mi
Fuel:	31.50 gal
Fuel Economy:	8.39 mpg
Average Speed:	51.01 mph
DEF Fluid:	0.93 gal
Trip Economy:	283.21 mpg

Total (hh:mm)	05:11	00:21	18:28
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	53	5	62
10:00-12:00	80	7	33
12:00-14:00	56	2	62
14:00-16:00	41	1	78
16:00-18:00	81	6	33
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/14/2019
Start Time:	10:12:43 EST
Odometer:	854209.00 mi
Distance:	275.40 mi
Fuel:	29.25 gal
Fuel Economy:	9.42 mpg
Average Speed:	47.90 mph
DEF Fluid:	0.78 gal
Trip Economy:	352.95 mpg

Total (hh:mm)	05:45	00:22	17:53
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	56	10	54
12:00-14:00	71	4	45
14:00-16:00	94	4	22
16:00-18:00	104	1	15
18:00-20:00	20	3	97
20:00-22:00	0	0	120
22:00-24:00	0	0	120

Date:	2/13/2019
Start Time:	10:47:49 EST
Odometer:	853970.10 mi
Distance:	238.90 mi
Fuel:	25.75 gal
Fuel Economy:	9.28 mpg
Average Speed:	49.26 mph
DEF Fluid:	0.38 gal
Trip Economy:	632.95 mpg

Total (hh:mm)	04:51	00:21	18:48
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	49	8	63
12:00-14:00	65	6	49
14:00-16:00	71	2	47
16:00-18:00	89	1	30
18:00-20:00	17	4	99
20:00-22:00	0	0	120
22:00-24:00	0	0	120

# DDEC® Reports - Hard Brake

#1

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

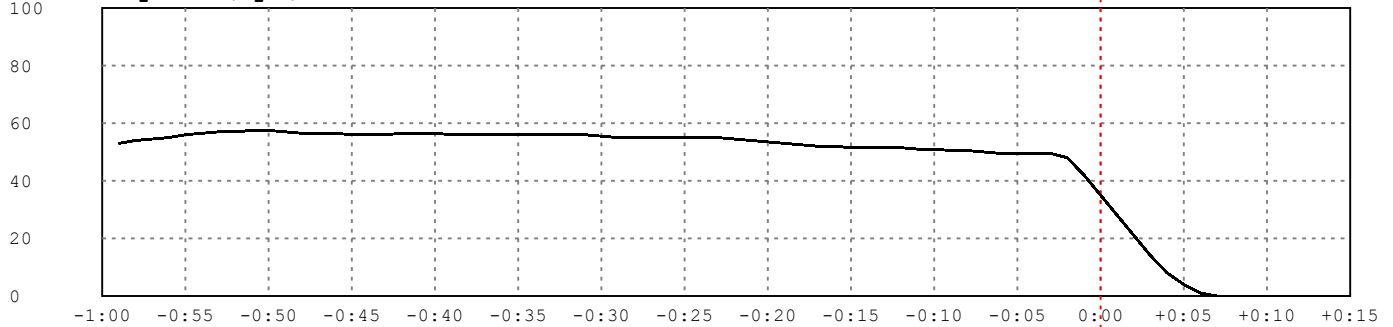
Trip Distance 0.2 mi  
Trip Fuel 0.38 gal  
Fuel Economy 0.53 mpg  
Avg Drive Load 23 %  
Avg Vehicle Speed 7.3 mph

Trip Time 0:23:53  
Fuel Consumption 0.94 gal/h  
Idle Time 0:22:14  
Idle Percent 93.09 %  
Idle Fuel 0.38 gal  
Parked Regen Time 0:00:00

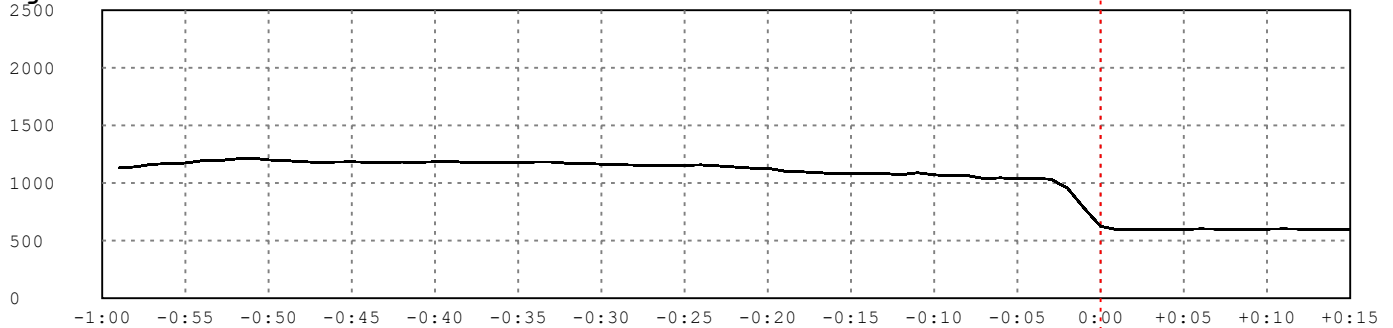
Incident Time: 06/21/18 13:03:07 (EST)

Incident Odometer: 821143.6 mi

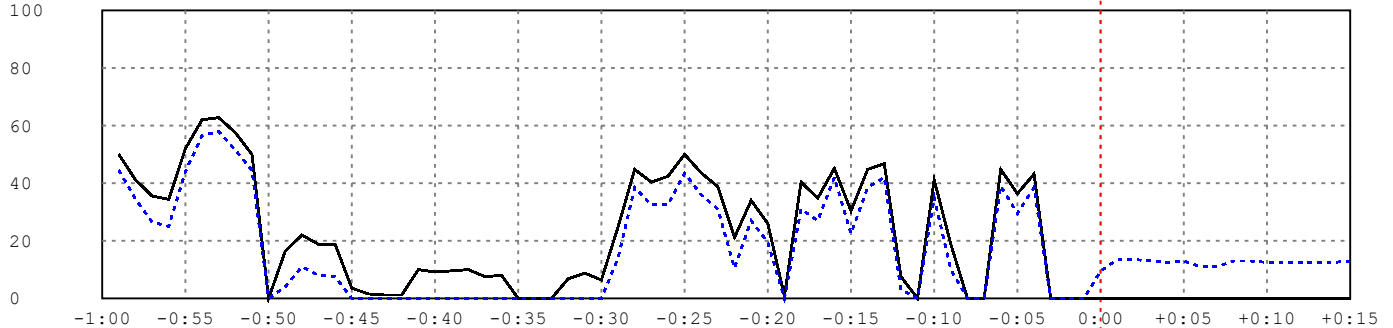
## Vehicle Speed (mph)



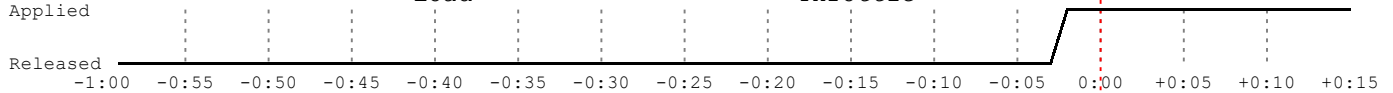
## Engine RPM



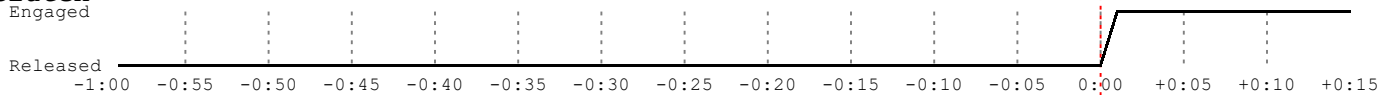
## Percent



## Brake



## Clutch



# DDEC® Reports - Hard Brake

#2

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

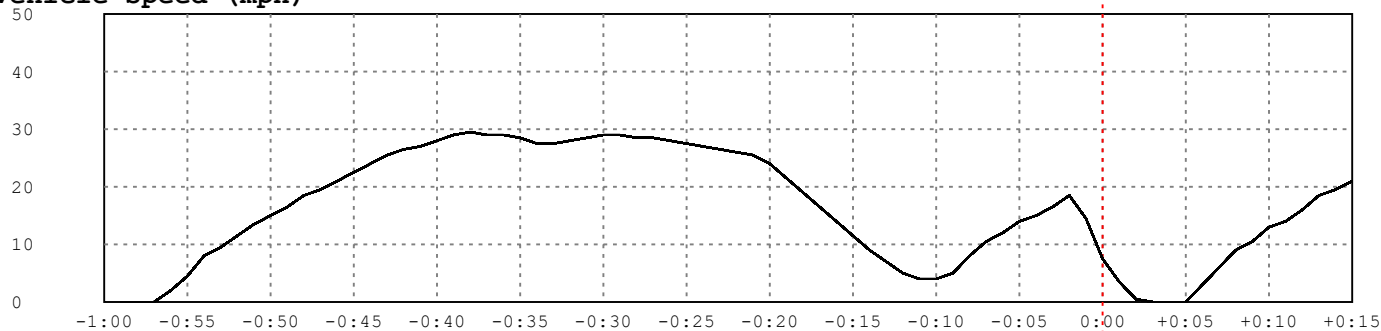
Trip Distance 0.2 mi  
Trip Fuel 0.38 gal  
Fuel Economy 0.53 mpg  
Avg Drive Load 23 %  
Avg Vehicle Speed 7.3 mph

Trip Time 0:23:53  
Fuel Consumption 0.94 gal/h  
Idle Time 0:22:14  
Idle Percent 93.09 %  
Idle Fuel 0.38 gal  
Parked Regen Time 0:00:00

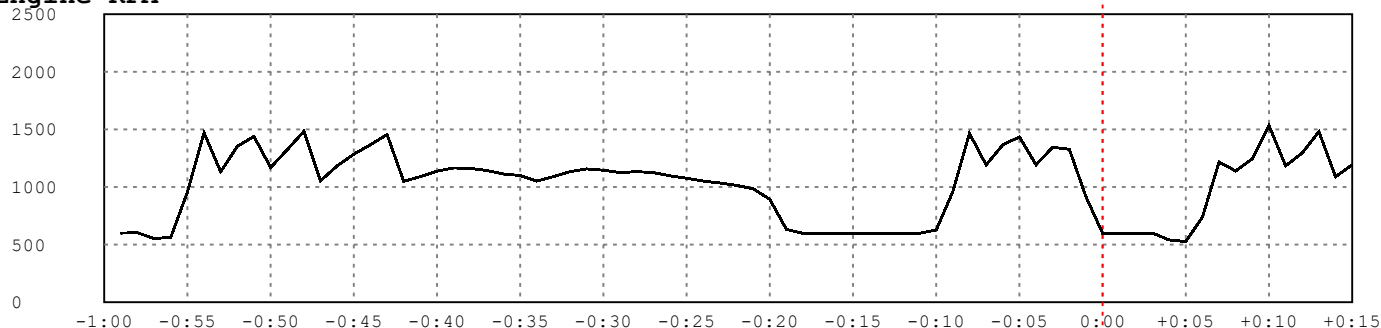
Incident Time: 05/02/18 12:04:39 (EST)

Incident Odometer: 816843.8 mi

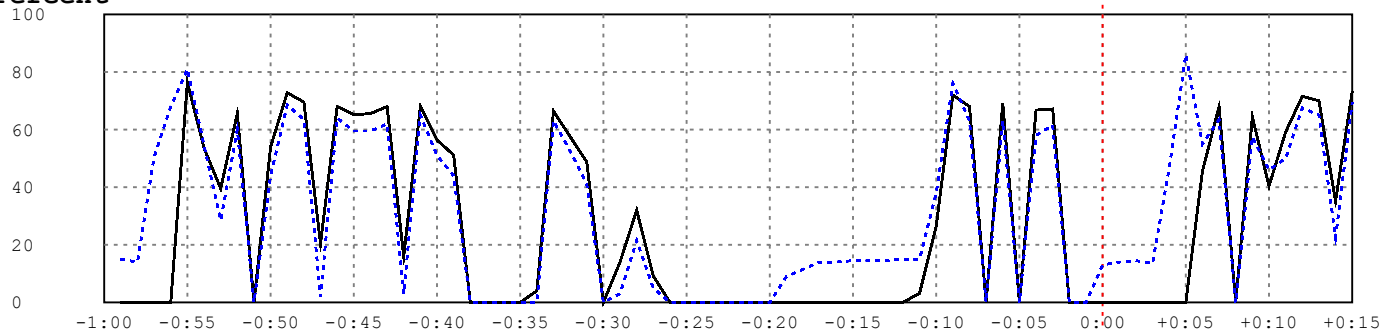
**Vehicle Speed (mph)**



**Engine RPM**



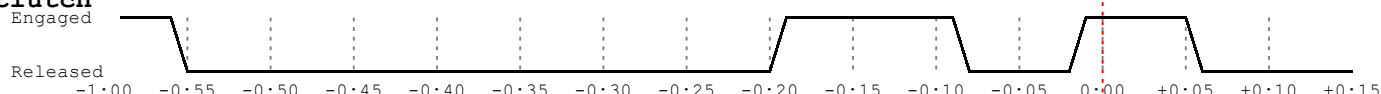
**Percent**



**Brake**



**Clutch**





# DDEC® Reports - Hard Brake

# #1

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

Incident Time: 6/21/2018 1:03:07 PM (EST) Incident Odometer: 821143.6 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	53.0	1131	No	No	44.50	50.00	No	No
-0:58	54.0	1141	No	No	34.50	41.20	No	No
-0:57	54.5	1163	No	No	26.50	35.60	No	No
-0:56	55.0	1169	No	No	25.00	34.40	No	No
-0:55	56.0	1174	No	No	44.00	52.00	No	No
-0:54	56.5	1193	No	No	56.50	62.00	No	No
-0:53	57.0	1196	No	No	58.00	62.80	No	No
-0:52	57.0	1209	No	No	51.50	57.60	No	No
-0:51	57.5	1217	No	No	44.50	50.00	No	No
-0:50	57.5	1201	No	No	0.00	0.00	No	No
-0:49	57.0	1195	No	No	4.00	16.40	No	No
-0:48	56.5	1185	No	No	11.00	22.00	No	No
-0:47	56.5	1181	No	No	8.00	18.80	No	No
-0:46	56.5	1183	No	No	7.50	18.80	No	No
-0:45	56.0	1185	No	No	0.00	3.60	No	No
-0:44	56.0	1181	No	No	0.00	1.60	No	No
-0:43	56.0	1178	No	No	0.00	1.20	No	No
-0:42	56.5	1183	No	No	0.00	1.20	No	No
-0:41	56.5	1182	No	No	0.00	10.00	No	No
-0:40	56.5	1184	No	No	0.00	9.20	No	No
-0:39	56.0	1187	No	No	0.00	9.60	No	No
-0:38	56.0	1179	No	No	0.00	10.00	No	No
-0:37	56.0	1176	No	No	0.00	7.60	No	No
-0:36	56.0	1181	No	No	0.00	8.00	No	No
-0:35	56.0	1180	No	No	0.00	0.00	No	No
-0:34	56.0	1183	No	No	0.00	0.00	No	No
-0:33	56.0	1183	No	No	0.00	0.00	No	No
-0:32	56.0	1171	No	No	0.00	6.80	No	No
-0:31	56.0	1169	No	No	0.00	8.80	No	No
-0:30	55.5	1165	No	No	0.00	6.40	No	No
-0:29	55.0	1159	No	No	14.00	24.80	No	No
-0:28	55.0	1157	No	No	38.50	44.80	No	No
-0:27	55.0	1156	No	No	32.50	40.40	No	No
-0:26	55.0	1149	No	No	32.50	42.40	No	No
-0:25	55.0	1155	No	No	43.50	50.00	No	No
-0:24	55.0	1158	No	No	36.00	43.60	No	No
-0:23	55.0	1150	No	No	31.00	38.80	No	No
-0:22	54.5	1140	No	No	10.50	21.20	No	No
-0:21	54.0	1129	No	No	27.00	34.00	No	No
-0:20	53.5	1128	No	No	19.50	26.00	No	No

# DDEC® Reports - Hard Brake

# #1

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Incident Time: 6/21/2018 1:03:07 PM (EST) Incident Odometer: 821143.6 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	53.0	1103	No	No	0.00	0.80	No	No
-0:18	52.5	1099	No	No	31.00	40.40	No	No
-0:17	52.0	1091	No	No	27.00	34.80	No	No
-0:16	52.0	1082	No	No	42.00	45.20	No	No
-0:15	51.5	1086	No	No	22.50	30.40	No	No
-0:14	51.5	1086	No	No	38.50	44.80	No	No
-0:13	51.5	1083	No	No	42.00	46.80	No	No
-0:12	51.5	1073	No	No	3.00	7.60	No	No
-0:11	51.0	1089	No	No	0.00	0.00	No	No
-0:10	51.0	1071	No	No	35.00	41.20	No	No
-0:09	50.5	1064	No	No	10.00	18.80	No	No
-0:08	50.5	1065	No	No	0.00	0.00	No	No
-0:07	50.0	1040	No	No	0.00	0.00	No	No
-0:06	49.5	1045	No	No	39.00	44.80	No	No
-0:05	49.5	1037	No	No	29.50	36.40	No	No
-0:04	49.5	1039	No	No	38.50	43.20	No	No
-0:03	49.5	1034	No	No	0.00	0.00	No	No
-0:02	48.0	958	Yes	No	0.00	0.00	No	No
-0:01	42.0	785	Yes	No	0.00	0.00	No	No
0:00	35.0	624	Yes	No	9.50	0.00	No	No
+0:01	28.0	596	Yes	Yes	13.50	0.00	No	No
+0:02	21.0	599	Yes	Yes	13.50	0.00	No	No
+0:03	14.0	601	Yes	Yes	13.00	0.00	No	No
+0:04	8.0	601	Yes	Yes	12.50	0.00	No	No
+0:05	4.0	600	Yes	Yes	13.00	0.00	No	No
+0:06	1.0	602	Yes	Yes	11.00	0.00	No	No
+0:07	0.0	601	Yes	Yes	11.00	0.00	No	No
+0:08	0.0	597	Yes	Yes	13.00	0.00	No	No
+0:09	0.0	599	Yes	Yes	13.00	0.00	No	No
+0:10	0.0	600	Yes	Yes	12.50	0.00	No	No
+0:11	0.0	602	Yes	Yes	12.50	0.00	No	No
+0:12	0.0	601	Yes	Yes	12.50	0.00	No	No
+0:13	0.0	601	Yes	Yes	12.50	0.00	No	No
+0:14	0.0	601	Yes	Yes	12.50	0.00	No	No
+0:15	0.0	600	Yes	Yes	13.00	0.00	No	No

# DDEC® Reports - Hard Brake

## #2

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

Incident Time: 5/2/2018 12:04:39 PM (EST) Incident Odometer: 816843.8 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	0.0	600	Yes	Yes	15.00	0.00	No	No
-0:58	0.0	604	Yes	Yes	14.00	0.00	No	No
-0:57	0.0	554	No	Yes	50.50	0.00	No	No
-0:56	2.0	564	No	Yes	68.00	0.00	No	No
-0:55	4.5	957	No	No	81.00	76.40	No	No
-0:54	8.0	1472	No	No	54.50	53.60	No	No
-0:53	9.5	1133	No	No	28.50	39.60	No	No
-0:52	11.5	1353	No	No	60.00	65.60	No	No
-0:51	13.5	1439	No	No	0.00	0.00	No	No
-0:50	15.0	1170	No	No	44.00	54.00	No	No
-0:49	16.5	1325	No	No	68.50	72.80	No	No
-0:48	18.5	1484	No	No	63.50	69.60	No	No
-0:47	19.5	1055	No	No	2.00	20.40	No	No
-0:46	21.0	1184	No	No	64.00	68.00	No	No
-0:45	22.5	1286	No	No	59.50	65.20	No	No
-0:44	24.0	1367	No	No	59.50	65.60	No	No
-0:43	25.5	1456	No	No	62.00	68.00	No	No
-0:42	26.5	1049	No	No	3.00	16.00	No	No
-0:41	27.0	1091	No	No	65.00	68.00	No	No
-0:40	28.0	1138	No	No	51.00	56.40	No	No
-0:39	29.0	1167	No	No	44.00	51.20	No	No
-0:38	29.5	1162	No	No	0.00	0.00	No	No
-0:37	29.0	1143	No	No	0.00	0.00	No	No
-0:36	29.0	1113	No	No	0.00	0.00	No	No
-0:35	28.5	1101	Yes	No	0.00	0.00	No	No
-0:34	27.5	1053	Yes	No	0.00	4.00	No	No
-0:33	27.5	1091	Yes	No	63.00	66.40	No	No
-0:32	28.0	1134	No	No	52.50	57.60	No	No
-0:31	28.5	1158	No	No	41.00	48.80	No	No
-0:30	29.0	1146	No	No	0.00	0.00	No	No
-0:29	29.0	1125	No	No	3.00	14.00	No	No
-0:28	28.5	1134	No	No	21.50	32.00	No	No
-0:27	28.5	1126	No	No	5.00	9.20	No	No
-0:26	28.0	1098	No	No	0.00	0.00	No	No
-0:25	27.5	1077	No	No	0.00	0.00	No	No
-0:24	27.0	1052	No	No	0.00	0.00	No	No
-0:23	26.5	1036	No	No	0.00	0.00	No	No
-0:22	26.0	1015	No	No	0.00	0.00	No	No
-0:21	25.5	985	Yes	No	0.00	0.00	No	No
-0:20	24.0	894	Yes	No	0.00	0.00	No	No

# DDEC® Reports - Hard Brake

## #2

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Incident Time: 5/2/2018 12:04:39 PM (EST) Incident Odometer: 816843.8 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	21.5	632	Yes	Yes	9.00	0.00	No	No
-0:18	19.0	598	Yes	Yes	11.50	0.00	No	No
-0:17	16.5	595	Yes	Yes	14.00	0.00	No	No
-0:16	14.0	598	Yes	Yes	14.00	0.00	No	No
-0:15	11.5	599	Yes	Yes	14.50	0.00	No	No
-0:14	9.0	600	Yes	Yes	14.50	0.00	No	No
-0:13	7.0	600	Yes	Yes	14.50	0.00	No	No
-0:12	5.0	599	Yes	Yes	15.00	0.00	No	No
-0:11	4.0	599	Yes	Yes	15.00	3.20	No	No
-0:10	4.0	627	No	Yes	38.00	26.40	No	No
-0:09	5.0	961	No	Yes	76.00	72.00	No	No
-0:08	8.0	1466	No	No	63.00	68.00	No	No
-0:07	10.5	1193	No	No	0.00	0.00	No	No
-0:06	12.0	1366	No	No	63.00	69.20	No	No
-0:05	14.0	1435	No	No	0.00	0.00	No	No
-0:04	15.0	1194	No	No	58.00	66.80	No	No
-0:03	16.5	1345	No	No	61.50	67.20	No	No
-0:02	18.5	1329	No	No	0.00	0.00	No	No
-0:01	14.5	916	Yes	Yes	0.00	0.00	No	No
0:00	7.5	599	Yes	Yes	13.00	0.00	No	No
+0:01	3.5	596	Yes	Yes	14.00	0.00	No	No
+0:02	0.5	597	Yes	Yes	14.50	0.00	No	No
+0:03	0.0	601	Yes	Yes	13.50	0.00	No	No
+0:04	0.0	540	Yes	Yes	46.50	0.00	No	No
+0:05	0.0	527	No	Yes	86.00	0.00	No	No
+0:06	3.0	740	No	No	55.00	45.60	No	No
+0:07	6.0	1217	No	No	63.50	68.00	No	No
+0:08	9.0	1140	No	No	0.00	0.00	No	No
+0:09	10.5	1246	No	No	57.50	64.40	No	No
+0:10	13.0	1534	No	No	46.00	40.40	No	No
+0:11	14.0	1184	No	No	50.00	59.20	No	No
+0:12	16.0	1297	No	No	67.50	71.60	No	No
+0:13	18.5	1482	No	No	65.00	70.00	No	No
+0:14	19.5	1090	No	No	22.50	35.20	No	No
+0:15	21.0	1194	No	No	69.50	73.20	No	No

# DDEC® Reports - Last Stop Record

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

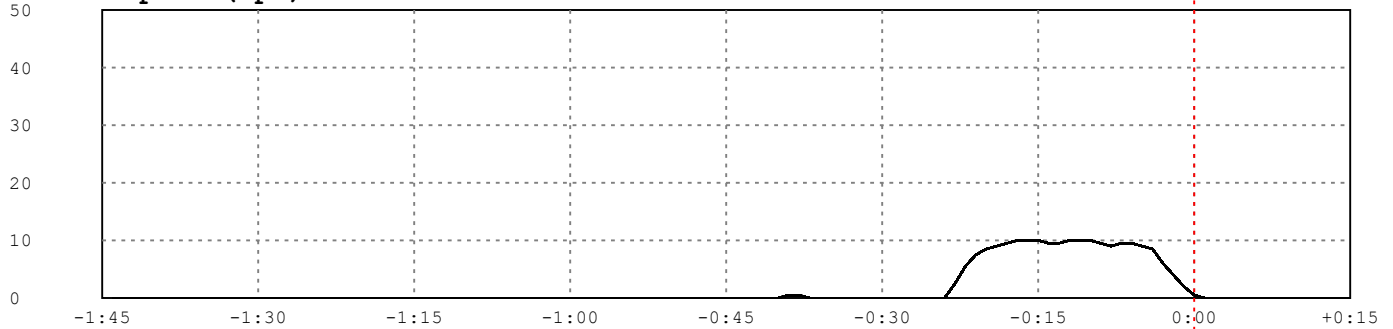
Trip Distance 0.2 mi  
Trip Fuel 0.38 gal  
Fuel Economy 0.53 mpg  
Avg Drive Load 23 %  
Avg Vehicle Speed 7.3 mph

Trip Time 0:23:53  
Fuel Consumption 0.94 gal/h  
Idle Time 0:22:14  
Idle Percent 93.09 %  
Idle Fuel 0.38 gal  
Parked Regen Time 0:00:00

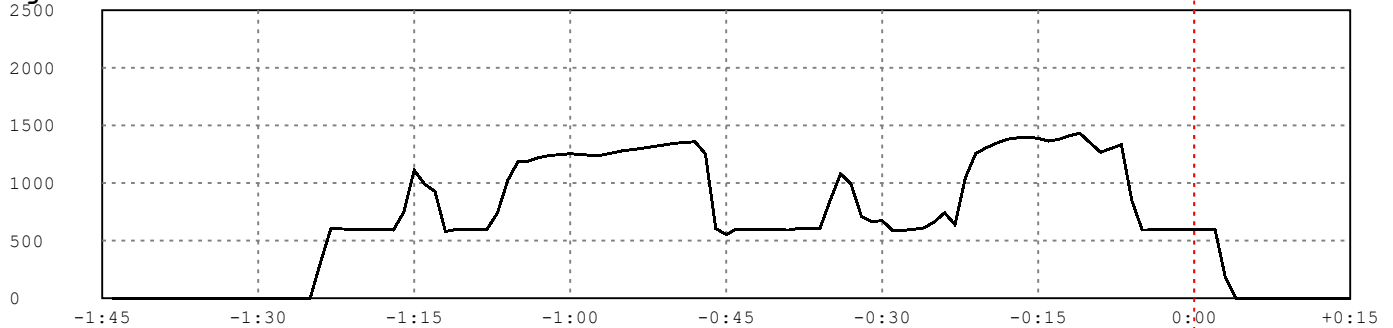
Last Stop Time: 03/28/19 10:47:35 (EST)

Last Stop Odometer: 858806.7 mi

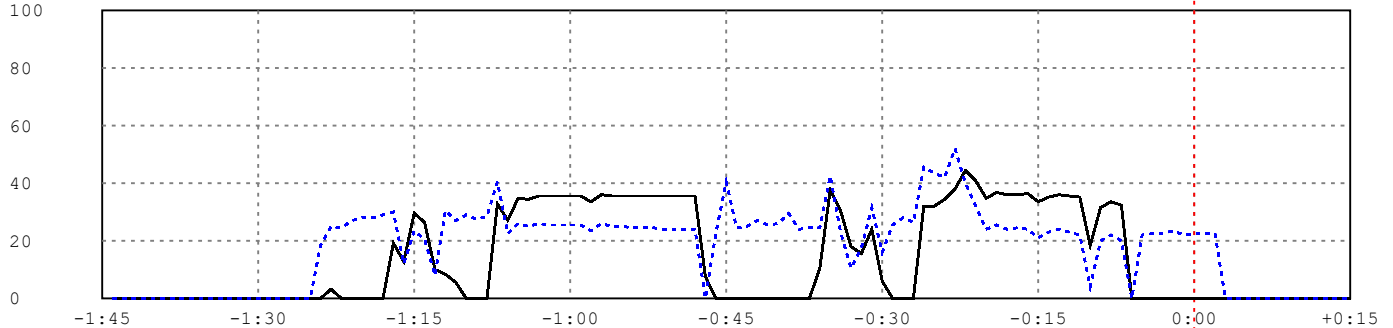
**Vehicle Speed (mph)**



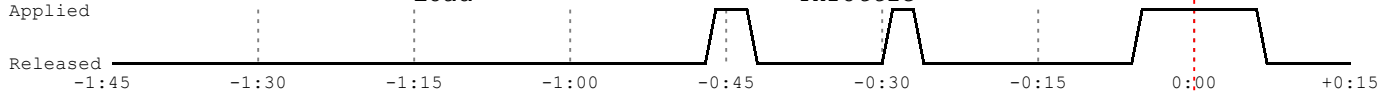
**Engine RPM**



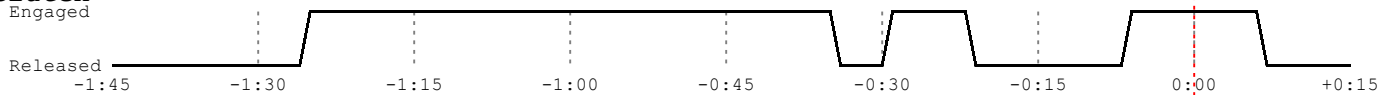
**Percent**



**Brake**



**Clutch**



# DDEC® Reports - Last Stop Record

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

Last Stop Time: 3/28/2019 10:47:35 AM (EST) Last Stop Odometer: 858806.7 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:44	0.0	0	No	No	0.00	0.00	No	No
-1:43	0.0	0	No	No	0.00	0.00	No	No
-1:42	0.0	0	No	No	0.00	0.00	No	No
-1:41	0.0	0	No	No	0.00	0.00	No	No
-1:40	0.0	0	No	No	0.00	0.00	No	No
-1:39	0.0	0	No	No	0.00	0.00	No	No
-1:38	0.0	0	No	No	0.00	0.00	No	No
-1:37	0.0	0	No	No	0.00	0.00	No	No
-1:36	0.0	0	No	No	0.00	0.00	No	No
-1:35	0.0	0	No	No	0.00	0.00	No	No
-1:34	0.0	0	No	No	0.00	0.00	No	No
-1:33	0.0	0	No	No	0.00	0.00	No	No
-1:32	0.0	0	No	No	0.00	0.00	No	No
-1:31	0.0	0	No	No	0.00	0.00	No	No
-1:30	0.0	0	No	No	0.00	0.00	No	No
-1:29	0.0	0	No	No	0.00	0.00	No	No
-1:28	0.0	0	No	No	0.00	0.00	No	No
-1:27	0.0	0	No	No	0.00	0.00	No	No
-1:26	0.0	0	No	No	0.00	0.00	No	No
-1:25	0.0	0	No	Yes	0.00	0.00	No	No
-1:24	0.0	313	No	Yes	18.50	0.00	No	No
-1:23	0.0	608	No	Yes	25.00	3.20	No	No
-1:22	0.0	603	No	Yes	24.50	0.00	No	No
-1:21	0.0	598	No	Yes	27.00	0.00	No	No
-1:20	0.0	596	No	Yes	28.00	0.00	No	No
-1:19	0.0	599	No	Yes	28.00	0.00	No	No
-1:18	0.0	598	No	Yes	29.00	0.00	No	No
-1:17	0.0	592	No	Yes	30.00	19.20	No	No
-1:16	0.0	748	No	Yes	12.00	12.80	No	No
-1:15	0.0	1112	No	Yes	23.50	29.60	No	No
-1:14	0.0	992	No	Yes	20.50	26.40	No	No
-1:13	0.0	927	No	Yes	8.00	10.00	No	No
-1:12	0.0	580	No	Yes	30.50	8.40	No	No
-1:11	0.0	596	No	Yes	27.00	5.60	No	No
-1:10	0.0	594	No	Yes	29.00	0.00	No	No
-1:09	0.0	600	No	Yes	27.50	0.00	No	No
-1:08	0.0	599	No	Yes	28.50	0.00	No	No
-1:07	0.0	740	No	Yes	40.50	32.80	No	No
-1:06	0.0	1025	No	Yes	22.50	27.20	No	No
-1:05	0.0	1189	No	Yes	26.00	34.80	No	No

# DDEC® Reports - Last Stop Record

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Last Stop Time: 3/28/2019 10:47:35 AM (EST) Last Stop Odometer: 858806.7 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:04	0.0	1190	No	Yes	25.00	34.40	No	No
-1:03	0.0	1221	No	Yes	26.00	35.60	No	No
-1:02	0.0	1239	No	Yes	25.50	35.60	No	No
-1:01	0.0	1247	No	Yes	25.50	35.60	No	No
-1:00	0.0	1255	No	Yes	25.50	35.60	No	No
-0:59	0.0	1248	No	Yes	25.50	35.60	No	No
-0:58	0.0	1241	No	Yes	23.50	33.60	No	No
-0:57	0.0	1242	No	Yes	26.00	36.00	No	No
-0:56	0.0	1261	No	Yes	25.00	35.60	No	No
-0:55	0.0	1280	No	Yes	25.00	35.60	No	No
-0:54	0.0	1291	No	Yes	24.50	35.60	No	No
-0:53	0.0	1303	No	Yes	24.50	35.60	No	No
-0:52	0.0	1314	No	Yes	24.50	35.60	No	No
-0:51	0.0	1333	No	Yes	24.00	35.60	No	No
-0:50	0.0	1345	No	Yes	24.00	35.60	No	No
-0:49	0.0	1353	No	Yes	24.00	35.60	No	No
-0:48	0.0	1359	No	Yes	24.00	35.60	No	No
-0:47	0.0	1254	No	Yes	0.00	7.60	No	No
-0:46	0.0	605	Yes	Yes	22.50	0.00	No	No
-0:45	0.0	553	Yes	Yes	40.50	0.00	No	No
-0:44	0.0	601	Yes	Yes	24.50	0.00	No	No
-0:43	0.0	598	Yes	Yes	25.00	0.00	No	No
-0:42	0.0	594	No	Yes	27.00	0.00	No	No
-0:41	0.0	598	No	Yes	25.50	0.00	No	No
-0:40	0.0	595	No	Yes	26.00	0.00	No	No
-0:39	0.5	592	No	Yes	29.50	0.00	No	No
-0:38	0.5	606	No	Yes	24.00	0.00	No	No
-0:37	0.0	602	No	Yes	24.50	0.00	No	No
-0:36	0.0	602	No	Yes	24.50	10.40	No	No
-0:35	0.0	850	No	Yes	42.50	37.60	No	No
-0:34	0.0	1081	No	No	23.00	30.40	No	No
-0:33	0.0	993	No	No	10.50	18.00	No	No
-0:32	0.0	711	No	No	17.50	15.60	No	No
-0:31	0.0	665	No	No	31.50	24.00	No	No
-0:30	0.0	675	No	No	16.00	6.00	No	No
-0:29	0.0	589	Yes	Yes	25.50	0.00	No	No
-0:28	0.0	590	Yes	Yes	28.00	0.00	No	No
-0:27	0.0	599	Yes	Yes	26.50	0.00	No	No
-0:26	0.0	611	No	Yes	45.50	32.00	No	No
-0:25	0.0	662	No	Yes	43.50	32.00	No	No

# DDEC® Reports - Last Stop Record

Print Date: 12/2/2020 9:00 AM  
CSU

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)  
Vehicle ID: 2452345  
Driver ID:  
Odometer: 858806.7 mi  
Engine S/N: 472903S0087453

Last Stop Time: 3/28/2019 10:47:35 AM (EST) Last Stop Odometer: 858806.7 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:24	0.0	742	No	Yes	42.00	34.40	No	No
-0:23	2.5	639	No	Yes	52.00	38.00	No	No
-0:22	5.5	1047	No	Yes	40.00	44.40	No	No
-0:21	7.5	1257	No	No	32.00	40.80	No	No
-0:20	8.5	1306	No	No	24.00	34.80	No	No
-0:19	9.0	1346	No	No	25.50	36.80	No	No
-0:18	9.5	1380	No	No	24.00	36.00	No	No
-0:17	10.0	1392	No	No	24.50	36.00	No	No
-0:16	10.0	1399	No	No	24.00	36.40	No	No
-0:15	10.0	1388	No	No	21.00	33.60	No	No
-0:14	9.5	1364	No	No	23.00	35.20	No	No
-0:13	9.5	1380	No	No	24.00	36.00	No	No
-0:12	10.0	1411	No	No	23.00	35.60	No	No
-0:11	10.0	1432	No	No	22.00	35.20	No	No
-0:10	10.0	1350	No	No	4.00	18.40	No	No
-0:09	9.5	1267	No	No	20.00	31.60	No	No
-0:08	9.0	1301	No	No	22.00	33.60	No	No
-0:07	9.5	1333	No	No	20.00	32.40	No	No
-0:06	9.5	850	No	Yes	0.00	0.00	No	No
-0:05	9.0	593	Yes	Yes	22.00	0.00	No	No
-0:04	8.5	594	Yes	Yes	22.50	0.00	No	No
-0:03	6.0	596	Yes	Yes	22.50	0.00	No	No
-0:02	4.0	595	Yes	Yes	23.50	0.00	No	No
-0:01	2.0	600	Yes	Yes	22.00	0.00	No	No
0:00	0.5	599	Yes	Yes	22.50	0.00	No	No
+0:01	0.0	599	Yes	Yes	22.50	0.00	No	No
+0:02	0.0	599	Yes	Yes	22.50	0.00	No	No
+0:03	0.0	179	Yes	Yes	0.00	0.00	No	No
+0:04	0.0	0	Yes	Yes	0.00	0.00	No	No
+0:05	0.0	0	Yes	Yes	0.00	0.00	No	No
+0:06	0.0	0	Yes	Yes	0.00	0.00	No	No
+0:07	0.0	0	No	No	0.00	0.00	No	No
+0:08	0.0	0	No	No	0.00	0.00	No	No
+0:09	0.0	0	No	No	0.00	0.00	No	No
+0:10	0.0	0	No	No	0.00	0.00	No	No
+0:11	0.0	0	No	No	0.00	0.00	No	No
+0:12	0.0	0	No	No	0.00	0.00	No	No
+0:13	0.0	0	No	No	0.00	0.00	No	No
+0:14	0.0	0	No	No	0.00	0.00	No	No
+0:15	0.0	0	No	No	0.00	0.00	No	No



# DDEC® Reports - Diagnostic Records

#1

File Name: DDECREPORTSEXTACTION032819.XTR

Print Date: 12/2/2020 9:00 AM

Trip: 03/27/19 08:24:42 To 03/28/19 (EST)

Vehicle ID: 2452345

Driver ID:

Odometer: 858806.7 mi

Engine S/N: 472903S0087453

Trip Distance	0.2 mi	Trip Time	0:23:53
Trip Fuel	0.38 gal	Fuel Consumption	0.94 gal/h
Fuel Economy	0.53 mpg	Idle Time	0:22:14
Avg Drive Load	23 %	Idle Percent	93.09 %
Avg Vehicle Speed	7.3 mph	Idle Fuel	0.38 gal
		Parked Regen Time	0:00:00

## Notes:

Not all faults that are displayed in Diagnostic Link (Fault Codes View) will be displayed here.

The diagnostic codes shown in DDEC Reports are a subset of all possible fault codes.

**Diag. Code:** [1761/31] - DEF Tank Zone 3 Condition

**Diag. Time:** 3/27/2019 5:51:01 AM (EST)

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Boost Press (psi)	Oil Press (psi)	Fuel Press (psi)
05:51:01	0.0	0	14.3	0.0	0.0
05:50:56	0.0	0	14.3	0.0	0.0
05:50:51	0.0	0	14.3	0.0	0.0
05:50:46	0.0	0	14.3	0.0	0.0
05:50:41	0.0	0	14.3	0.0	0.0
05:50:36	0.0	0	14.3	0.0	0.0
05:50:31	0.0	0	14.3	0.0	0.0
05:50:26	0.0	0	14.3	0.0	0.0
05:50:21	0.0	0	14.3	0.0	0.0
05:50:16	0.0	0	14.3	0.0	0.0
05:50:11	0.0	0	14.3	0.0	0.0
05:50:06	0.0	0	14.3	0.0	0.6
Time	Coolant Temp (°F)	Oil Temp (°F)	Fuel Temp (°F)	Engine Load (%)	Throttle (% throttle)
05:51:01	64.3	64.3	64.3	0.0	0.0
05:50:56	64.3	64.3	64.3	0.0	0.0
05:50:51	64.3	64.3	64.3	0.0	0.0
05:50:46	64.3	64.3	64.3	0.0	0.0
05:50:41	64.3	64.3	64.3	0.0	0.0
05:50:36	64.3	64.3	64.3	0.0	0.0
05:50:31	64.3	64.3	64.3	0.0	0.0
05:50:26	64.3	64.3	64.3	0.0	0.0
05:50:21	64.3	64.3	64.3	0.0	0.0
05:50:16	64.3	64.3	64.3	0.0	0.0
05:50:11	64.3	64.3	64.3	0.0	0.0
05:50:06	64.3	64.3	64.3	0.0	0.0
Time	Eng. Brake (cylinders)	Cruise	Accel Switch	Brake Switch	Clutch Switch
05:51:01	Off	No	No	No	No
05:50:56	Off	No	No	No	No
05:50:51	Off	No	No	No	No
05:50:46	Off	No	No	No	No
05:50:41	Off	No	No	No	No
05:50:36	Off	No	No	No	No
05:50:31	Off	No	No	No	No
05:50:26	Off	No	No	No	No
05:50:21	Off	No	No	No	No
05:50:16	Off	No	No	No	No
05:50:11	Off	No	No	No	No
05:50:06	Off	No	No	No	No