



Flushing-Queens, New York Multiple Bus Accident

HWY17MH015

Attachment 1 to Vehicle Data Recorders, Specialists Factual Report

DDEC® Reports - Trip Activity

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

Driving

Time 780:40:27
Percent 70.83 %
Fuel 4922.25 gal
Economy 7.01 mpg

Stop Idle

Time 168:41:13
Percent 15.30 %
Fuel 258.75 gal

Vehicle Speed Limiting

Time 175:40:55
Percent 22.50 %
Distance 12172.8 mi
Fuel 1104.75 gal

Over Rev Limit

Count 155
Time 0:56:46
Percent 0.09 %

Top Gear

Time 73:50:27
Percent 9.46 %
Distance 4031.2 mi
Fuel 577.75 gal

Highest RPM

2351 rpm
Occurred 08/09/17 10:48:15 (EST)

Top Gear - 1

Time 58:35:00
Percent 7.50 %
Distance 2532.5 mi
Fuel 445.38 gal

Diag. Records

165
Hard Brake Count 15
Firm Brake Count 1022
Brake Count 47437
Eng. Brake Time 8:04:56

Cruise

Time 152:08:32
Percent 19.49 %
Distance 10257.7 mi
Fuel 1211.75 gal

Fan On Time

Total Time 0:31:50
Engine System 0:31:50
Manual 0:00:00
A/C 0:00:00
DPF Fan Time 0:00:00

Top Gear Cruise

Time 9:02:42
Percent 1.16 %
Distance 519.3 mi
Fuel 90.88 gal

Engine Utilization

20.68 %

Vehicle Utilization

14.64 %

DPF Regeneration

Parked Completed 5
Parked Regen Fuel 9.72 gal
Driving Completed 7
Driving Regen Fuel 8.76 gal

Speeding A(>=66 and <71 mph)

Count 21177
Time 167:13:48
Percent 21.42 %

Diesel Exhaust Fluid (DEF)

Trip Fluid 165.06 gal
Trip Percent 3.03 %
Trip Economy 209.17 mpg
Driving Fluid 151.15 gal
Driving Economy 228.42 mpg

Speeding B(>=71 mph)

Count 14632
Time 62:36:02
Percent 8.02 %

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

87.0 mph
Occurred 09/09/17 10:20:29 (EST)

Optimized Idle Battery Charging Starts

Normal Count 0
Alternate Count 0
Continuous Run 0

Coasting Time

0:00:00

Coasting Percent

0.00 %

DDEC® Reports - Trip Activity

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

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Trip Distance	34525.8 mi
Trip Fuel	5451.72 gal
Fuel Economy	6.33 mpg
Avg Drive Load	43 %
Avg Vehicle Speed	44.2 mph

Trip Time	1102:12:36
Fuel Consumption	4.95 gal/h
Idle Time	319:08:51
Idle Percent	28.96 %
Idle Fuel	529.47 gal
Parked Regen Time	2:23:18

Predictive Cruise Control

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

VSG (PTO)

Total Time	115:25:58
Percent	10.47 %
Total Fuel	197.63 gal
Working Time	1:25:26
Working Fuel	3.50 gal

DDEC® Reports - Monthly Activity

Print Date: 10/18/2017 15:55

DDC

Partial Month: October, 2017 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	0.0 mi	Trip Time	0:00:00
Trip Fuel	0.00 gal	Fuel Consumption	0.00 gal/h
Fuel Economy	0.00 mpg	Idle Time	0:00:00
Avg Drive Load	0 %	Idle Percent	0.00 %
Avg Vehicle Speed	0.0 mph	Idle Fuel	0.00 gal
		Parked Regen Time	0:00:00

Driving

Time	0:00:00
Percent	0.00 %
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	0:00:00
Percent	0.00 %
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

Occurred	0.0 mph
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Coasting Time

0:00:00

Coasting Percent

0.00 %

Stop Idle

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

Over Rev Limit

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

Highest RPM

Occurred	0 rpm
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Diag. Records

Hard Brake Count	0
Firm Brake Count	0
Brake Count	0
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

0.00 %

Vehicle Utilization

0.00 %

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 - Monthly Activity

Print Date: 10/18/2017 15:55

DDC

Partial Month: October, 2017 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

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Trip Distance	0.0 mi	Trip Time	0:00:00
Trip Fuel	0.00 gal	Fuel Consumption	0.00 gal/h
Fuel Economy	0.00 mpg	Idle Time	0:00:00
Avg Drive Load	0 %	Idle Percent	0.00 %
Avg Vehicle Speed	0.0 mph	Idle Fuel	0.00 gal
		Parked Regen Time	0:00:00

Predictive Cruise Control

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

VSG (PTO)

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

DDEC® Reports - Monthly Activity

Print Date: 10/18/2017 15:55

DDC

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Month: August, 2017 (EST)
Vehicle ID:
Driver ID:
Odometer: 184889.0 mi
Engine S/N: 471934S0279824

Trip Distance 2763.1 mi
Trip Fuel 408.26 gal
Fuel Economy 6.77 mpg
Avg Drive Load 45 %
Avg Vehicle Speed 49.0 mph

Trip Time 72:54:08
Fuel Consumption 5.60 gal/h
Idle Time 16:30:10
Idle Percent 22.64 %
Idle Fuel 29.51 gal
Parked Regen Time 0:32:31

Driving

Time 56:23:58
Percent 77.36 %
Fuel 378.75 gal
Economy 7.30 mpg

Vehicle Speed Limiting

Time 17:33:27
Percent 31.13 %
Distance 1230.3 mi
Fuel 106.25 gal

Top Gear

Time 5:12:56
Percent 9.25 %
Distance 296.0 mi
Fuel 47.13 gal

Top Gear - 1

Time 3:41:55
Percent 6.56 %
Distance 165.8 mi
Fuel 27.75 gal

Cruise

Time 16:27:39
Percent 29.19 %
Distance 1145.6 mi
Fuel 140.38 gal

Top Gear Cruise

Time 0:47:05
Percent 1.39 %
Distance 45.9 mi
Fuel 10.00 gal

Speeding A(>=66 and <71 mph)

Count 2378
Time 15:14:49
Percent 27.03 %

Speeding B(>=71 mph)

Count 1778
Time 8:23:55
Percent 14.89 %

Highest Speed 87.0 mph

Occurred 09/09/17 10:20:29 (EST)

Coasting Time 0:00:00

Coasting Percent 0.00 %

Stop Idle

Time 7:36:25
Percent 10.43 %
Fuel 11.75 gal

Over Rev Limit 1800 rpm

Count 36
Time 0:04:41
Percent 0.11 %

Highest RPM 2270 rpm

Occurred 09/07/17 19:04:02 (EST)

Diag. Records 21

Hard Brake Count 1

Firm Brake Count 75

Brake Count 2423

Eng. Brake Time 1:25:03

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 10.13 %

Vehicle Utilization 7.83 %

DPF Regeneration

Parked Completed 1
Parked Regen Fuel 2.26 gal
Driving Completed 0
Driving Regen Fuel 0.08 gal

Diesel Exhaust Fluid (DEF)

Trip Fluid 12.29 gal
Trip Percent 3.01 %
Trip Economy 224.90 mpg
Driving Fluid 11.37 gal
Driving Economy 243.07 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: 10/18/2017 15:55

DDC

Month: August, 2017 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	2763.1 mi	Trip Time	72:54:08
Trip Fuel	408.26 gal	Fuel Consumption	5.60 gal/h
Fuel Economy	6.77 mpg	Idle Time	16:30:10
Avg Drive Load	45 %	Idle Percent	22.64 %
Avg Vehicle Speed	49.0 mph	Idle Fuel	29.51 gal
		Parked Regen Time	0:32:31

Predictive Cruise Control

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

VSG (PTO)

Total Time	7:51:21
Percent	10.78 %
Total Fuel	13.50 gal
Working Time	0:10:16
Working Fuel	0.38 gal

DDEC® Reports - Monthly Activity

Print Date: 10/18/2017 15:55

DDC

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Month: July, 2017 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance 7710.4 mi
Trip Fuel 1156.25 gal
Fuel Economy 6.67 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 46.8 mph

Trip Time 212:48:03
Fuel Consumption 5.43 gal/h
Idle Time 48:08:00
Idle Percent 22.62 %
Idle Fuel 85.63 gal
Parked Regen Time 0:00:00

Driving

Time 164:40:03
Percent 77.38 %
Fuel 1070.63 gal
Economy 7.20 mpg

Vehicle Speed Limiting

Time 37:39:18
Percent 22.87 %
Distance 2637.2 mi
Fuel 220.25 gal

Top Gear

Time 16:10:12
Percent 9.82 %
Distance 887.8 mi
Fuel 128.75 gal

Top Gear - 1

Time 13:39:28
Percent 8.29 %
Distance 592.2 mi
Fuel 107.00 gal

Cruise

Time 49:49:18
Percent 30.26 %
Distance 3319.0 mi
Fuel 391.50 gal

Top Gear Cruise

Time 3:44:36
Percent 2.27 %
Distance 213.5 mi
Fuel 36.88 gal

Speeding A(>=66 and <71 mph)

Count 4651
Time 35:49:22
Percent 21.75 %

Speeding B(>=71 mph)

Count 3252
Time 15:05:48
Percent 9.17 %

Highest Speed 86.5 mph

Occurred 07/30/17 9:18:17 (EST)

Coasting Time 0:00:00

Coasting Percent 0.00 %

Stop Idle

Time 21:03:14
Percent 9.89 %
Fuel 37.13 gal

Over Rev Limit 1800 rpm

Count 36
Time 0:24:57
Percent 0.20 %

Highest RPM 2351 rpm

Occurred 08/09/17 10:48:15 (EST)

Diag. Records 12

Hard Brake Count 2

Firm Brake Count 198

Brake Count 9539

Eng. Brake Time 1:17:06

Fan On Time

Total Time 0:11:25
Engine System 0:11:25
Manual 0:00:00
A/C 0:00:00
DPF Fan Time 0:00:00

Engine Utilization 29.56 %

Vehicle Utilization 22.87 %

DPF Regeneration

Parked Completed 0
Parked Regen Fuel 0.00 gal
Driving Completed 1
Driving Regen Fuel 1.05 gal

Diesel Exhaust Fluid (DEF)

Trip Fluid 34.82 gal
Trip Percent 3.01 %
Trip Economy 221.42 mpg
Driving Fluid 31.84 gal
Driving Economy 242.18 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: 10/18/2017 15:55

DDC

Month: July, 2017 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

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Trip Distance	7710.4 mi
Trip Fuel	1156.25 gal
Fuel Economy	6.67 mpg
Avg Drive Load	43 %
Avg Vehicle Speed	46.8 mph

Trip Time	212:48:03
Fuel Consumption	5.43 gal/h
Idle Time	48:08:00
Idle Percent	22.62 %
Idle Fuel	85.63 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	27:59:27
Percent	13.15 %
Total Fuel	47.75 gal
Working Time	0:09:37
Working Fuel	0.38 gal

DDEC® Reports - Configuration

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

Hard Brake Limit	7.0 mph/s
Stop Idle Limit	5 min
Top Gear Limit	21 rpm/mph
Top Gear-1 Limit	28 rpm/mph

Learned On: 10/18/2017 (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: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

Total Distance 184889.0 mi
Total Time 5454:49:44
Total Fuel 26660.88 gal
Overall Fuel Economy 6.93 mpg
Avg Vehicle Speed 33.89 mph
Idle Time 1464:17:53
Idle Percent 26.84 %
Idle Fuel 2463.69 gal

Avg. Drive Load 42 %

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 1:08:14
Engine System 1:08:14
Manual 0:00:00
A/C 0:00:00
DPF Fan Time 0:00:00

Peak Road Speed 87.0 mph

Occurred 09/09/17 10:20 (EST)

Peak Engine RPM 2410 rpm

Occurred 10/19/15 20:01 (EST)

Parked Regen Fuel 32.94 gal
Driving Regen Fuel 51.36 gal
Parked Regen Time 6:40:14

Diesel Exhaust Fluid (DEF)

Total Fluid 813.00 gal
Total Percent 3.05 %
Total Economy 227.42 mpg
Driving Fluid 727.50 gal
Driving Economy 254.14 mpg

DPF Regeneration

Parked Completed 15
Occurred 09/09/17 13:01 (EST)
Driving Completed 33
Occurred 08/20/17 10:48 (EST)

Predictive Cruise Control

Time 0:00:00
Percent 0.00 %

DDEC® Reports - Vehicle Speed/RPM

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

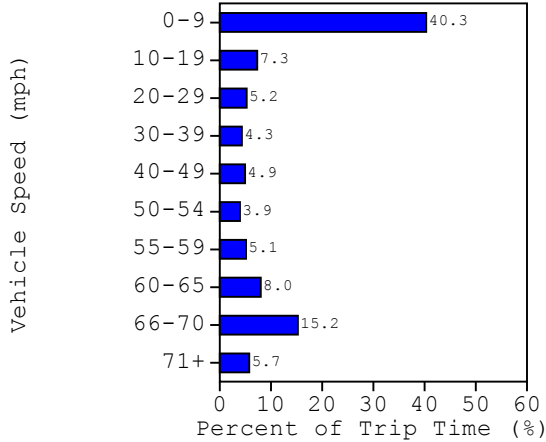
Driver ID:

Odometer: 184889.0 mi

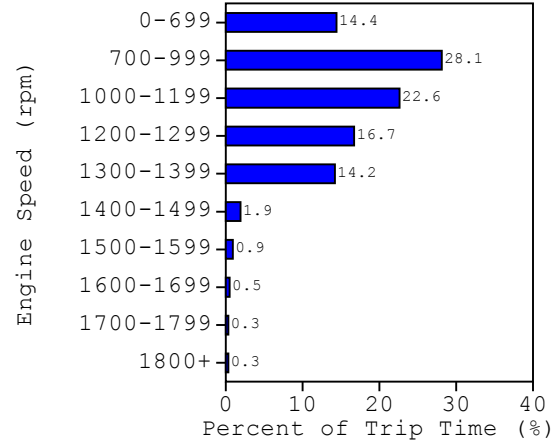
Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

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	13.3	1.1									14.4
700- 999	24.5	2.5	0.3	0.2	0.3	0.3					28.1
1000-1199	1.3	1.5	3.1	1.8	1.7	3.3	4.0	5.9			22.6
1200-1299	0.4	0.5	1.2	0.7	1.5		1.0	1.5	9.9		16.7
1300-1399	0.3	0.5	0.4	0.9	1.1			0.4	5.1	5.5	14.2
1400-1499	0.2	0.4	0.1	0.5	0.2	0.2			0.2	0.1	1.9
1500-1599	0.1	0.3		0.2		0.2				0.1	0.9
1600-1699	0.1	0.2					0.2				0.5
1700-1799		0.2						0.1			0.3
1800+	0.1	0.1									0.3
Total	40.3	7.3	5.2	4.3	4.9	3.9	5.1	8.0	15.2	5.7	
Brakes	14006	12063	5886	3762	3303	1702	1839	2214	1854	808	47437
Hard Brakes			4	3	3		2	2	1		15
Firm Brakes		107	442	214	130	55	35	22	17		1022

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

DDEC® Reports - Engine Load/RPM

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

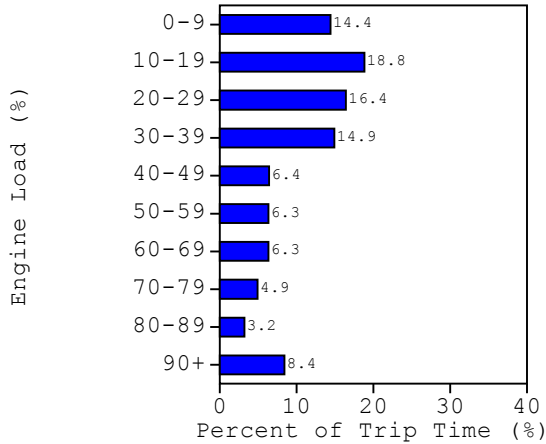
Odometer: 184889.0 mi

Engine S/N: 471934S0279824

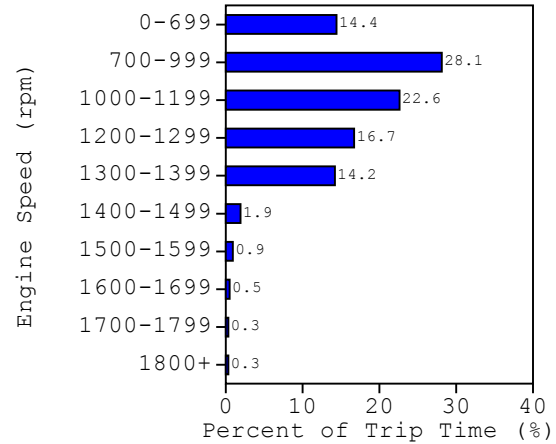
Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

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	0.3	4.0	3.9	5.9	0.2						14.4
700- 999	2.1	11.8	9.0	4.0	0.5	0.3	0.3	0.1			28.1
1000-1199	6.1	1.5	1.7	2.1	1.9	1.9	1.9	1.7	1.1	2.6	22.6
1200-1299	2.7	0.7	0.9	1.3	1.7	1.8	1.6	1.4	1.1	3.5	16.7
1300-1399	2.5	0.7	0.8	1.5	1.9	1.9	1.9	1.2	0.7	1.1	14.2
1400-1499	0.3			0.1	0.2	0.3	0.3	0.1	0.1	0.5	1.9
1500-1599	0.1					0.1	0.2	0.2		0.2	0.9
1600-1699								0.2	0.1	0.2	0.5
1700-1799									0.1	0.2	0.3
1800+	0.1			0.1						0.2	0.3
Total	14.4	18.8	16.4	14.9	6.4	6.3	6.3	4.9	3.2	8.4	

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

DDEC® Reports - Over Speed/Over Rev

Print Date: 10/18/2017 15:55

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

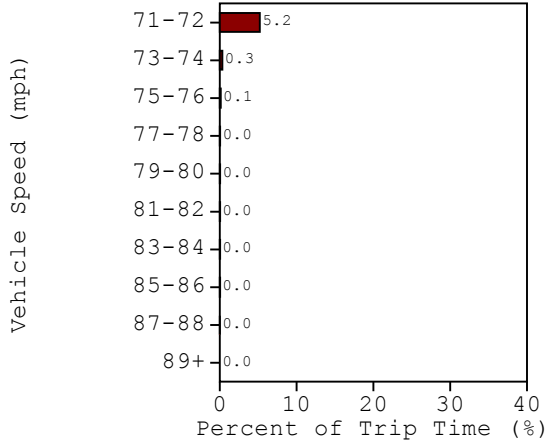
Driver ID:

Odometer: 184889.0 mi

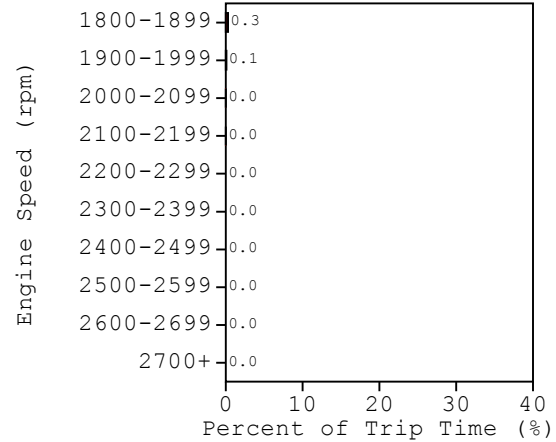
Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

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+
5.20	0.33	0.10	0.03	0.01	0.01	<0.005	<0.005	<0.005	

Engine Speed(rpm)

1800 1899	1900 1999	2000 2099	2100 2199	2200 2299	2300 2399	2400 2499	2500 2599	2600 2699	2700+
0.29	0.06	<0.005	<0.005						

DDEC® Reports - Daily Engine Usage

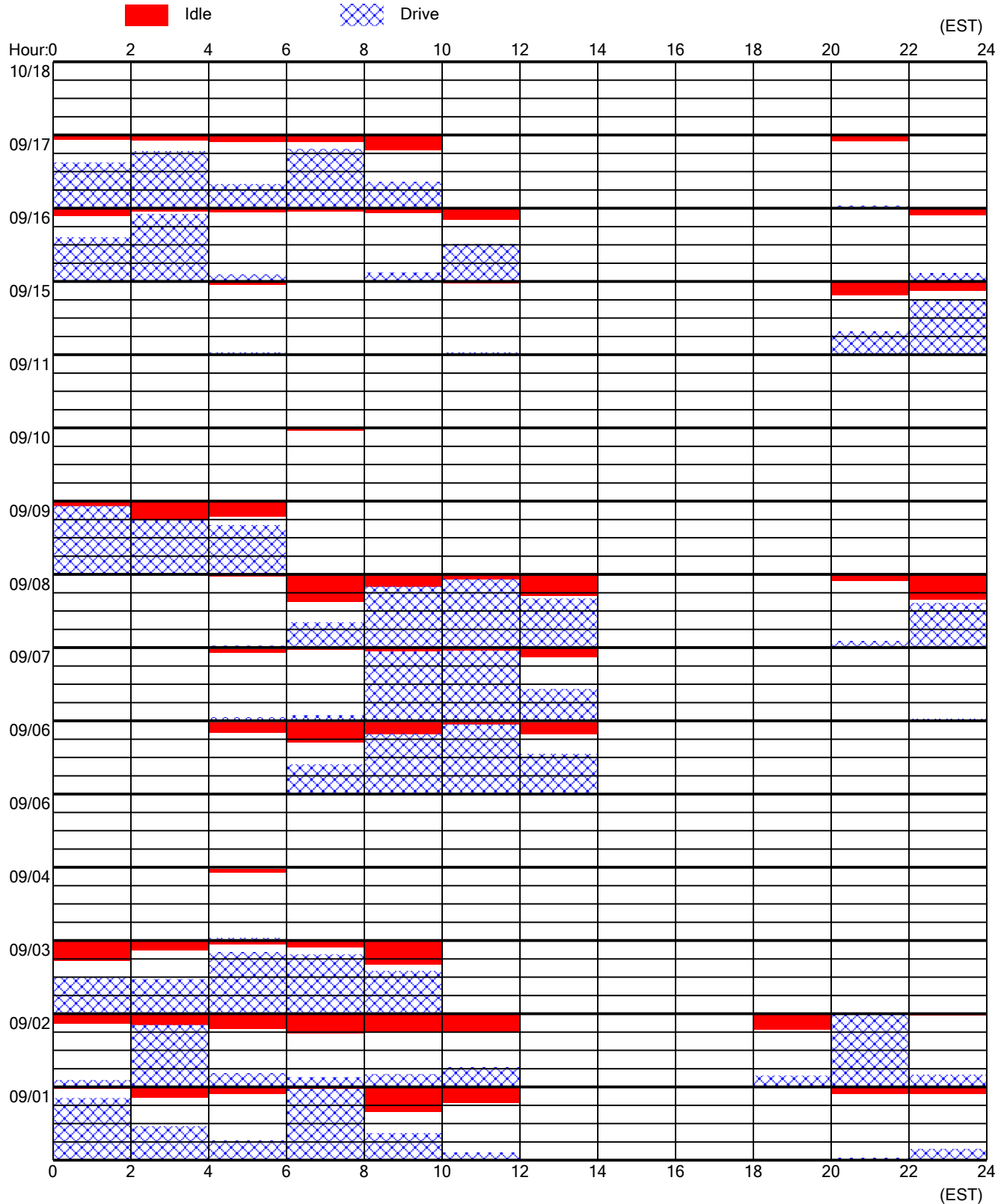
Print Date: 10/18/2017 15:55
DDC

Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824



DDEC® Reports - Daily Engine Usage

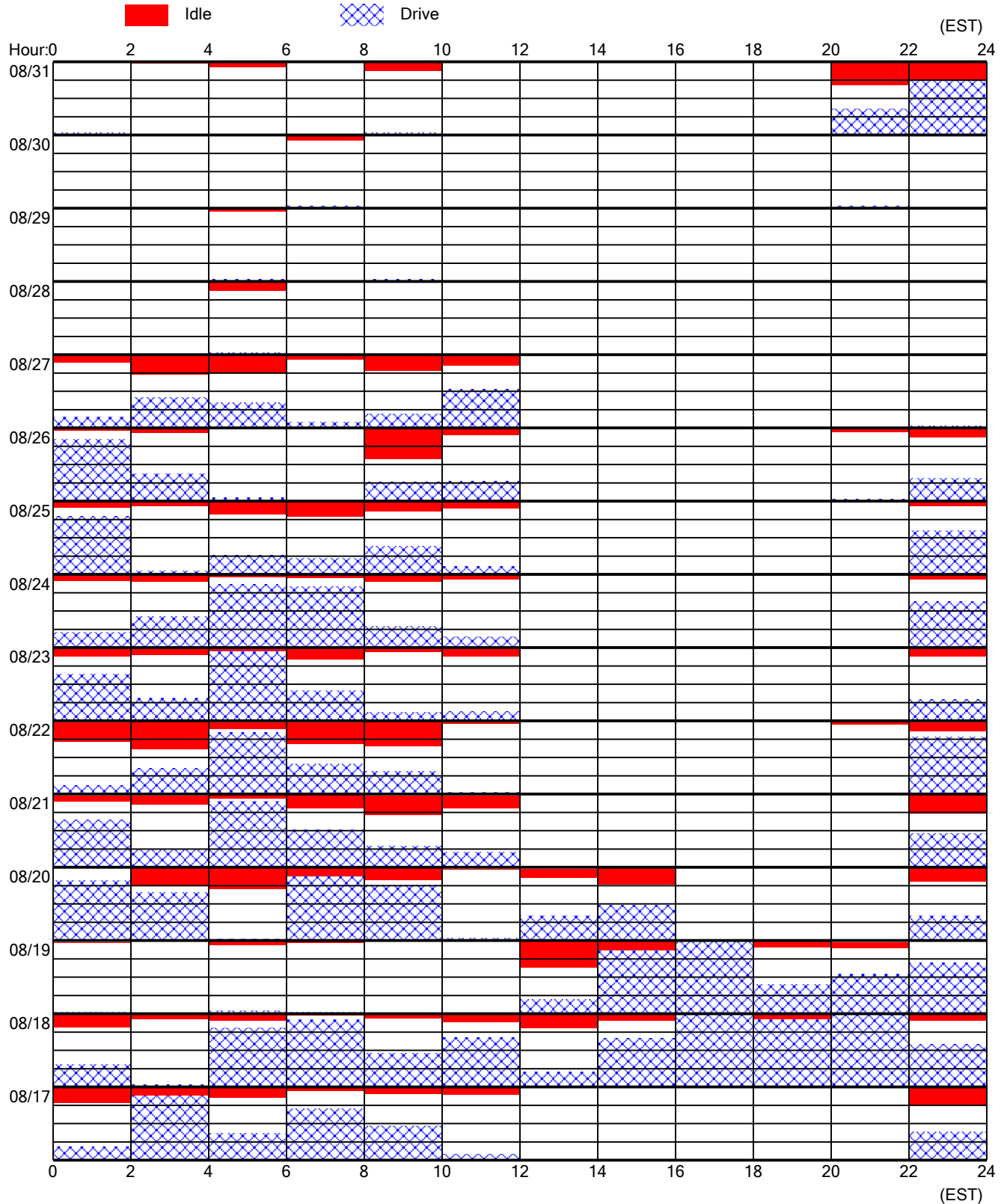
Print Date: 10/18/2017 15:55
DDC

Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55
DDC

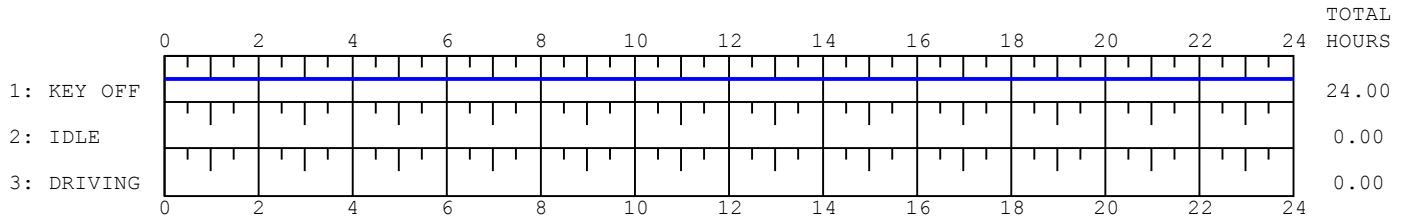
Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

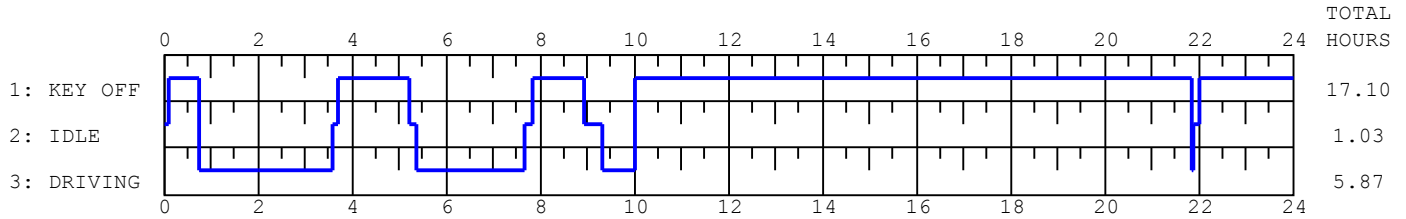
Driver ID:

Engine S/N: 471934S0279824

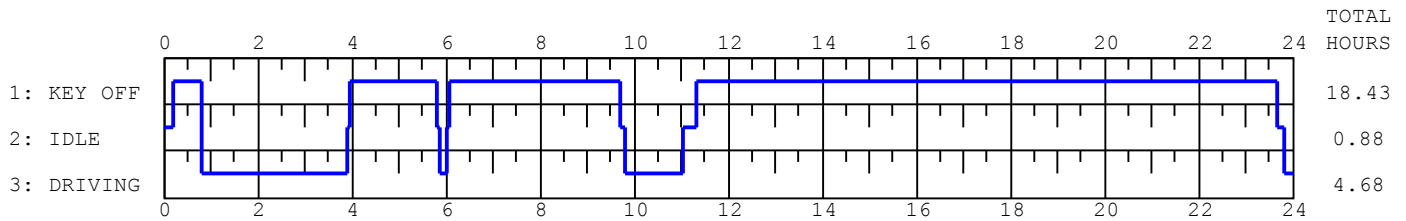
(10/18/2017)



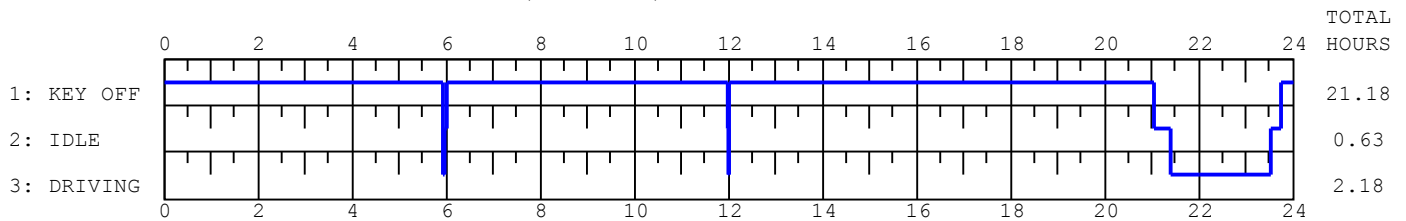
(9/17/2017)



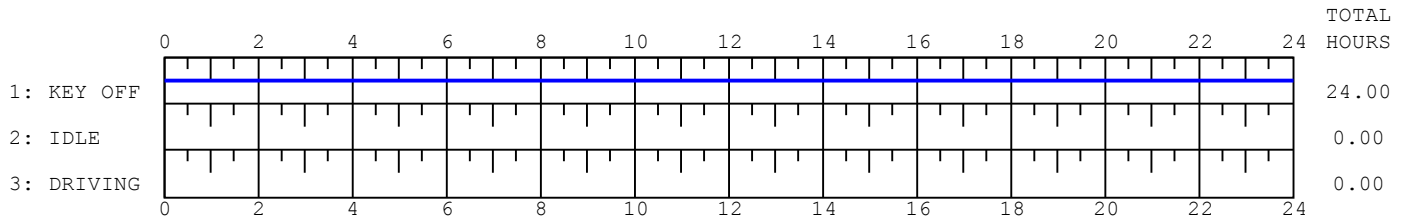
(9/16/2017)



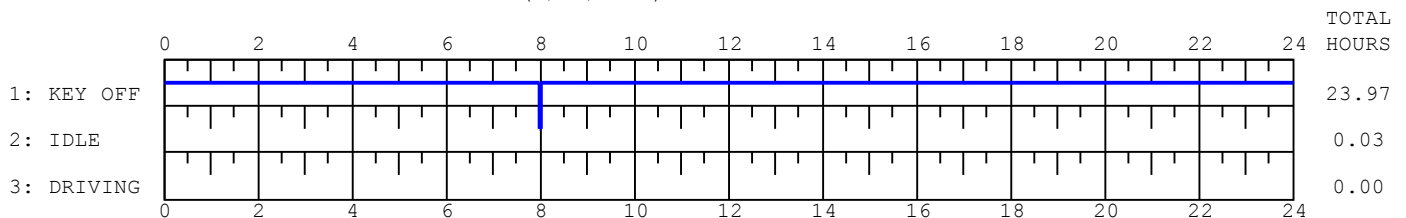
(9/15/2017)



(9/11/2017)



(9/10/2017)



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55
DDC

Date Range: 10/18/17 To 08/17/17 (EST)

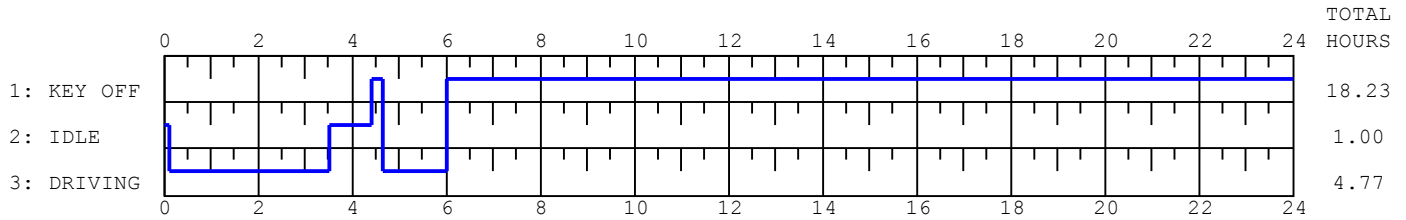
Vehicle ID:

Driver ID:

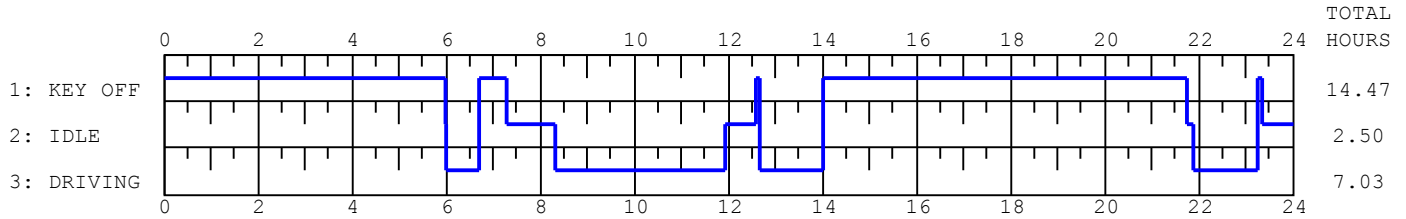
Engine S/N:

471934S0279824

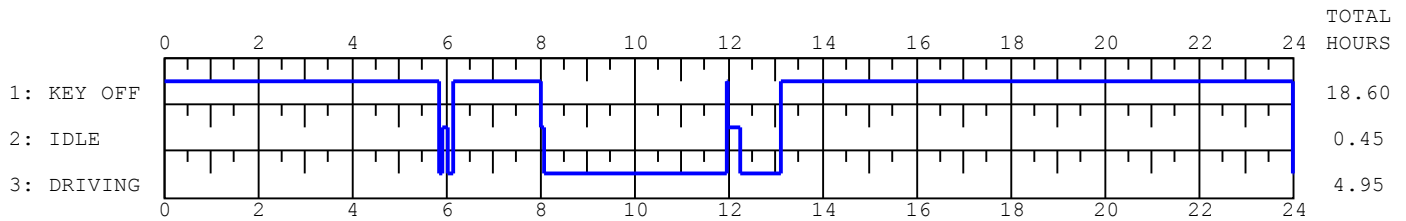
(9/9/2017)



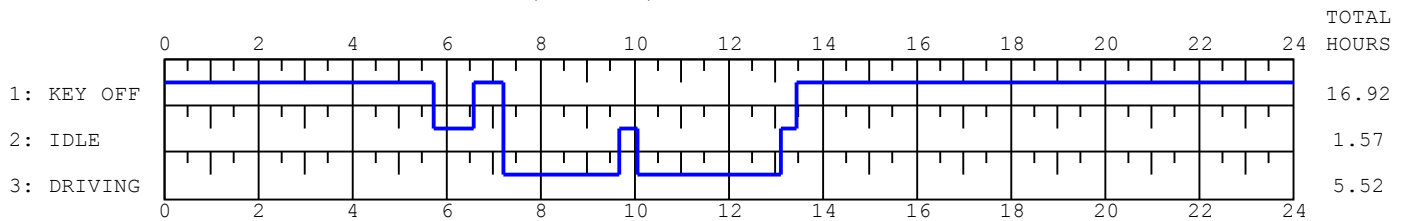
(9/8/2017)



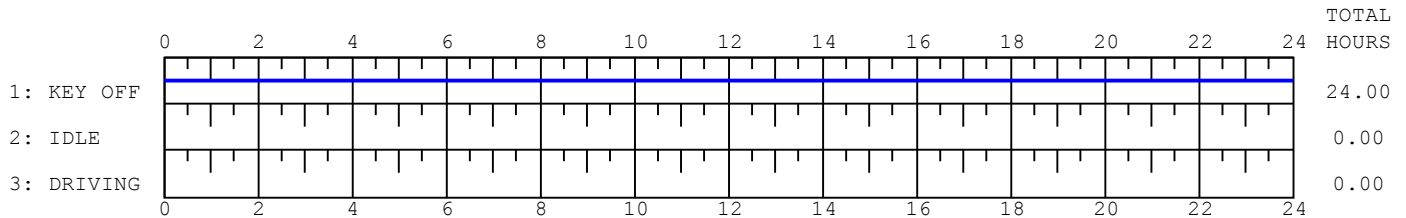
(9/7/2017)



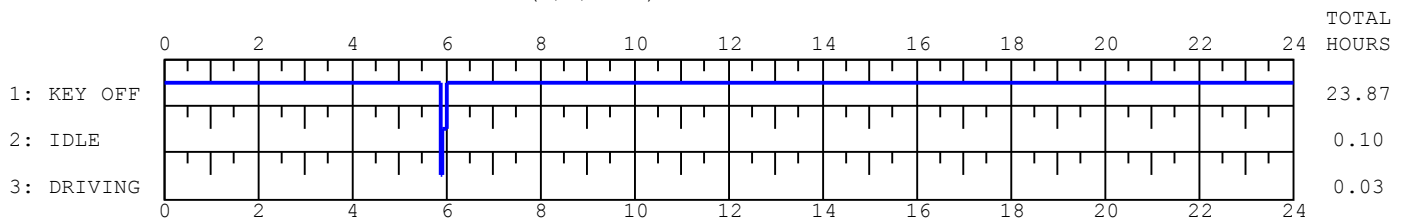
(9/6/2017)



(9/6/2017)



(9/4/2017)



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55
DDC

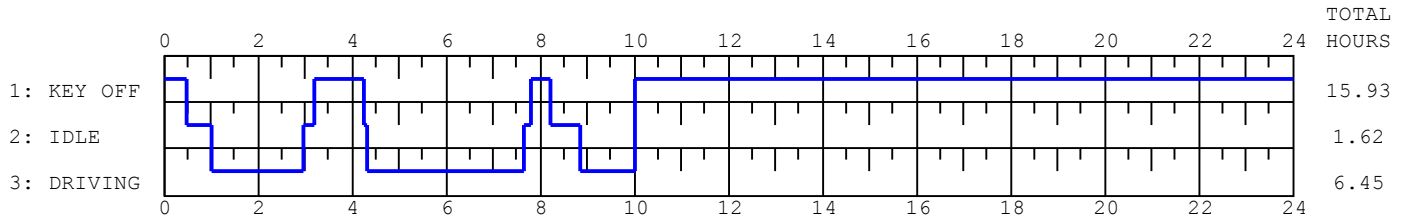
Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

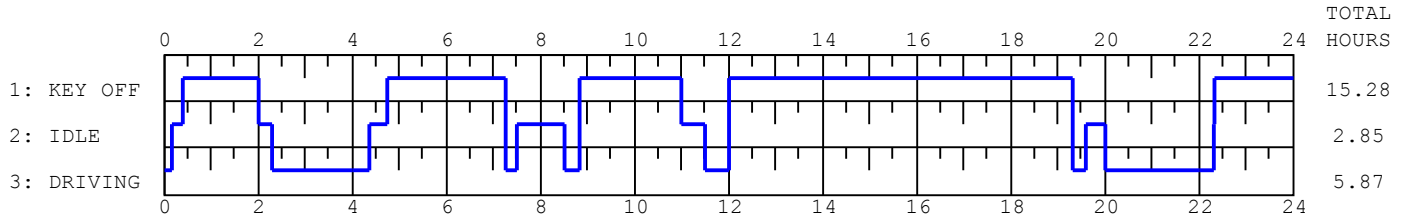
Driver ID:

Engine S/N: 471934S0279824

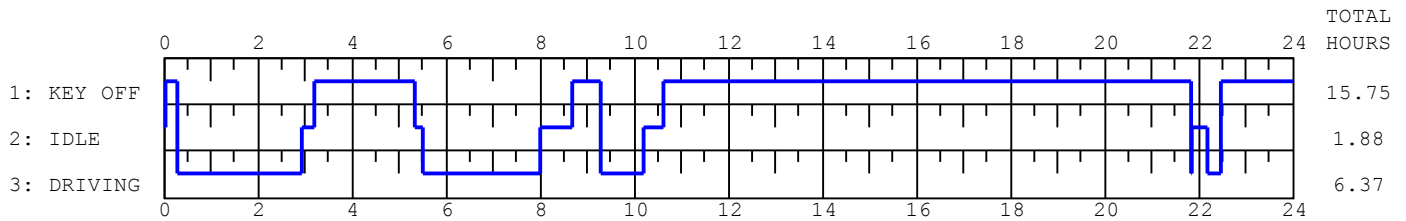
(9/3/2017)



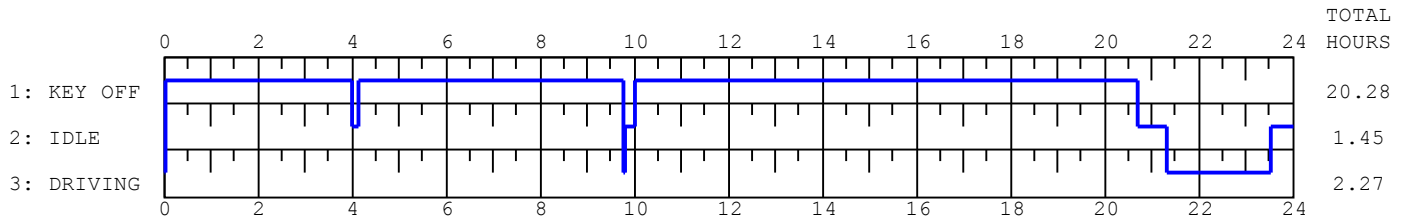
(9/2/2017)



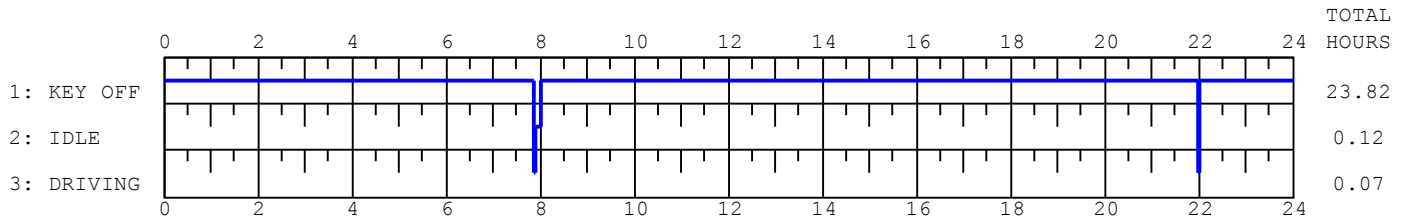
(9/1/2017)



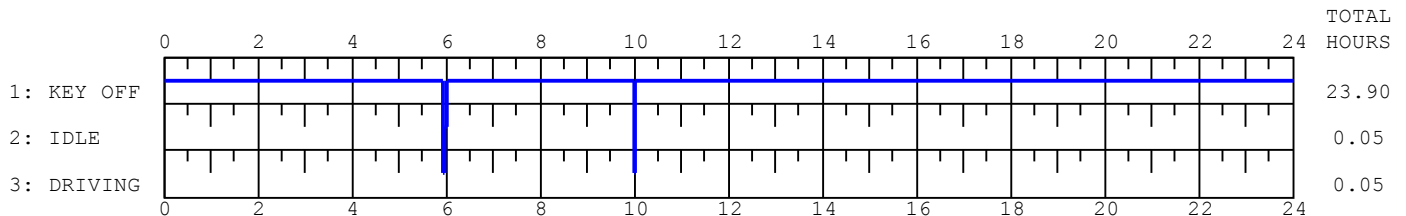
(8/31/2017)



(8/30/2017)



(8/29/2017)



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55
DDC

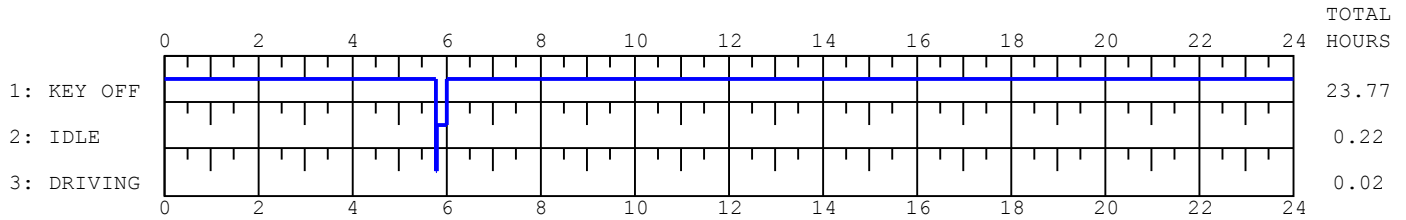
Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

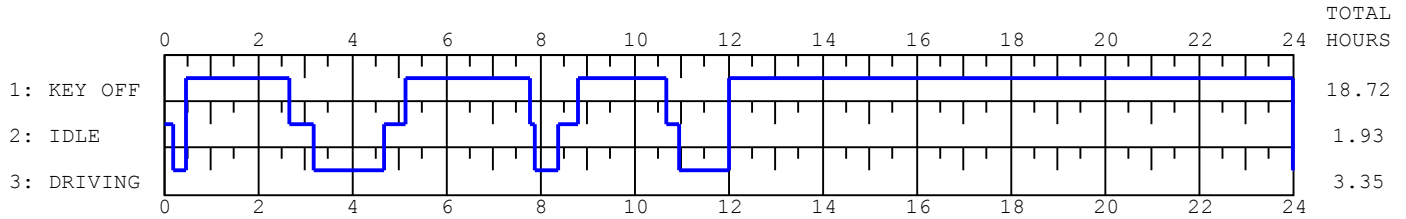
Driver ID:

Engine S/N: 471934S0279824

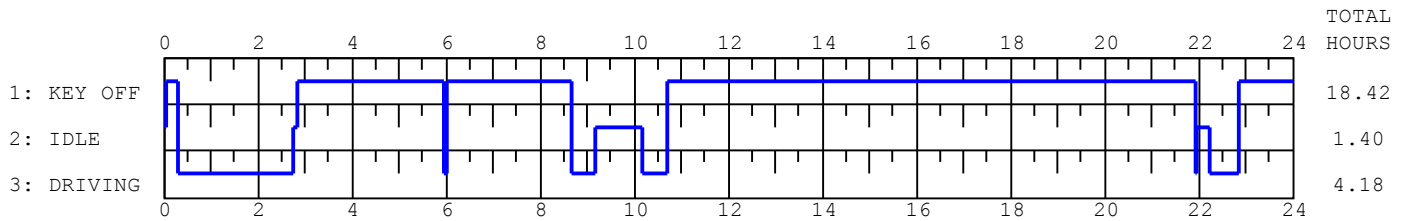
(8/28/2017)



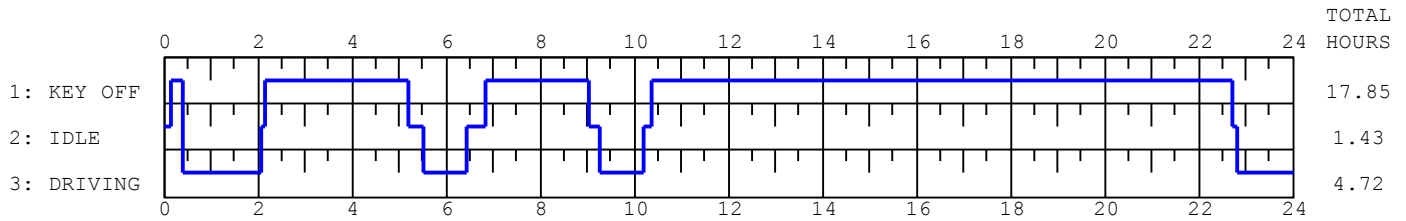
(8/27/2017)



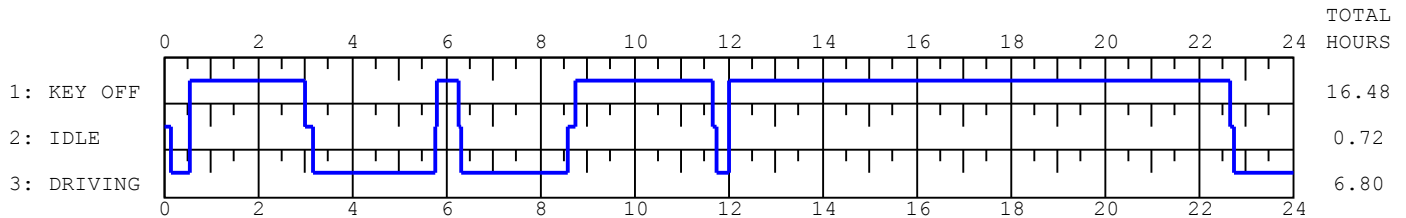
(8/26/2017)



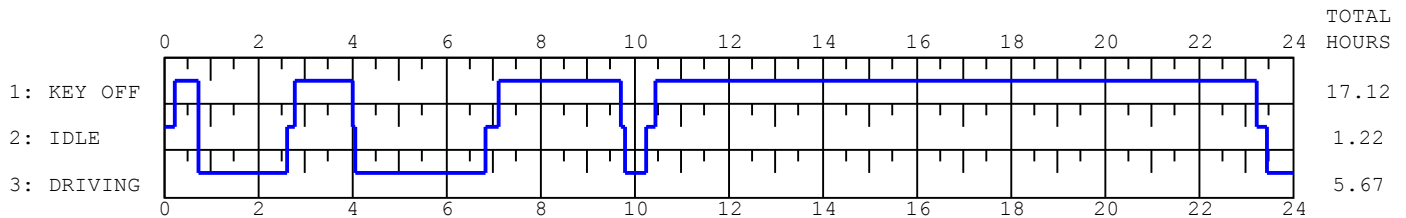
(8/25/2017)



(8/24/2017)



(8/23/2017)



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55
DDC

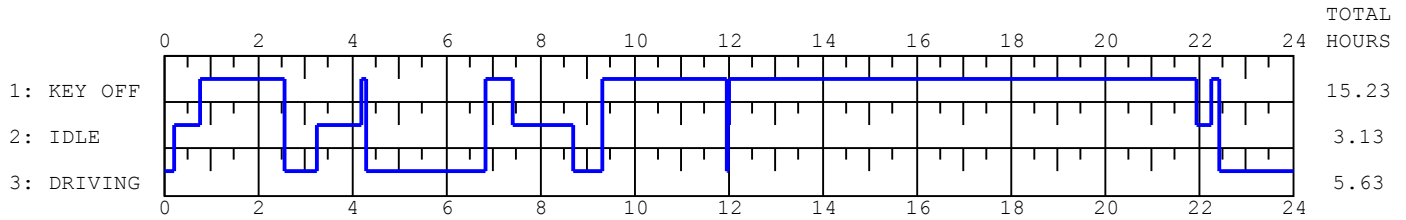
Date Range: 10/18/17 To 08/17/17 (EST)

Vehicle ID:

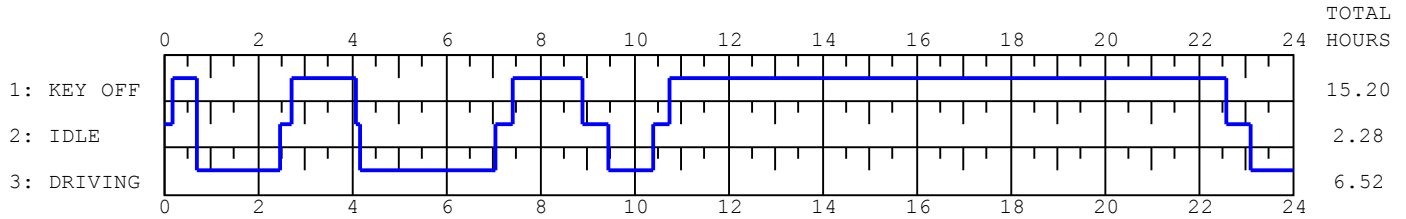
Driver ID:

Engine S/N: 471934S0279824

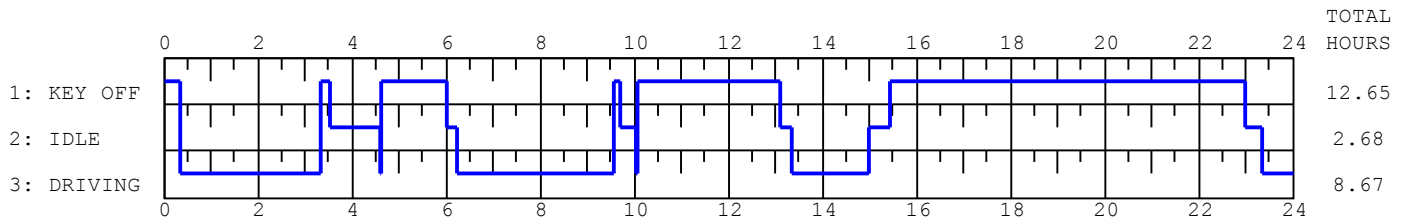
(8/22/2017)



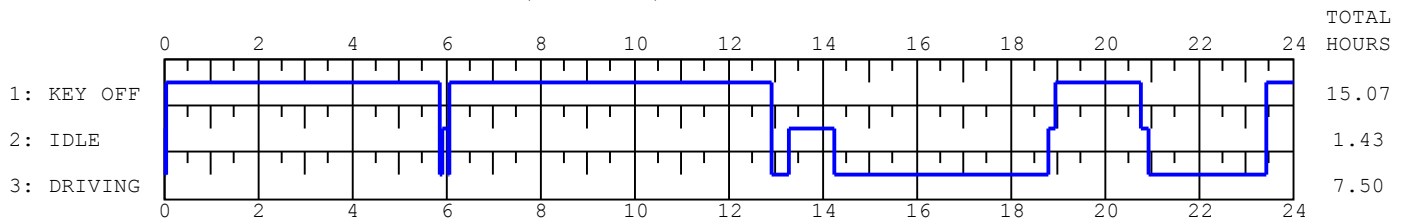
(8/21/2017)



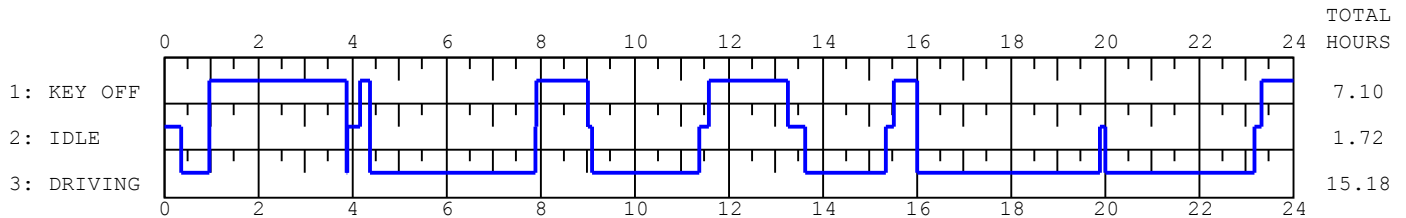
(8/20/2017)



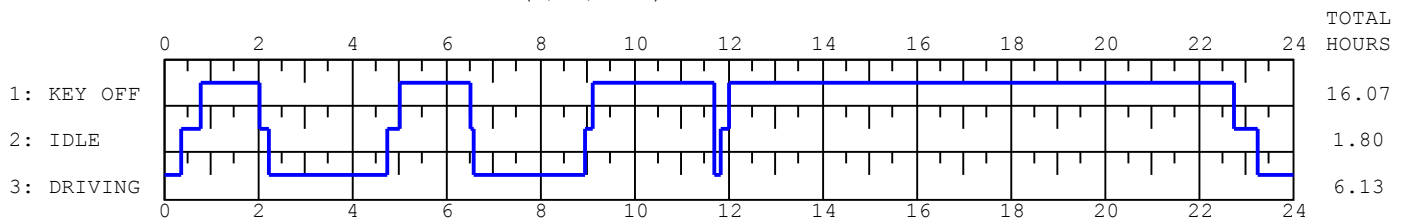
(8/19/2017)



(8/18/2017)



(8/17/2017)



DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	10/18/2017
Start Time:	10:03:28 EST
Odometer:	184889.00 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:	9/17/2017
Start Time:	08:04:43 EST
Odometer:	184631.00 mi
Distance:	258.00 mi
Fuel:	37.25 gal
Fuel Economy:	6.93 mpg
Average Speed:	43.98 mph
DEF Fluid:	0.93 gal
Trip Economy:	277.08 mpg

Total (hh:mm)	05:52	01:02	17:06
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	76	5	39
02:00-04:00	94	7	19
04:00-06:00	39	9	72
06:00-08:00	99	10	11
08:00-10:00	42	23	55
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	8	110
22:00-24:00	0	0	120

Date:	9/16/2017
Start Time:	08:15:19 EST
Odometer:	184394.10 mi
Distance:	236.90 mi
Fuel:	30.75 gal
Fuel Economy:	7.70 mpg
Average Speed:	50.58 mph
DEF Fluid:	0.79 gal
Trip Economy:	300.79 mpg

Total (hh:mm)	04:41	00:53	18:26
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	73	11	36
02:00-04:00	113	3	4
04:00-06:00	9	4	107
06:00-08:00	0	3	117
08:00-10:00	13	6	101
10:00-12:00	61	17	42
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	12	9	99

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	9/15/2017
Start Time:	13:40:01 EST
Odometer:	184302.00 mi
Distance:	92.10 mi
Fuel:	12.50 gal
Fuel Economy:	7.37 mpg
Average Speed:	42.18 mph
DEF Fluid:	0.35 gal
Trip Economy:	263.81 mpg

Total (hh:mm)	02:11	00:38	21:11
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	2	3	115
06:00-08:00	0	0	120
08:00-10:00	0	0	120
10:00-12:00	1	1	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	37	21	62
22:00-24:00	91	13	16

Date:	9/11/2017
Start Time:	10:17:30 EST
Odometer:	184302.00 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:	9/10/2017
Start Time:	15:23:28 EST
Odometer:	184302.00 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	00:02	23:58
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	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: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	9/9/2017
Start Time:	08:00:00 EST
Odometer:	184084.30 mi
Distance:	217.70 mi
Fuel:	33.00 gal
Fuel Economy:	6.60 mpg
Average Speed:	45.67 mph
DEF Fluid:	1.13 gal
Trip Economy:	193.09 mpg

Total (hh:mm)	04:46	01:00	18:14
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	114	6	0
02:00-04:00	90	30	0
04:00-06:00	82	24	14
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:	9/8/2017
Start Time:	12:00:15 EST
Odometer:	183762.20 mi
Distance:	322.10 mi
Fuel:	48.00 gal
Fuel Economy:	6.71 mpg
Average Speed:	45.80 mph
DEF Fluid:	1.59 gal
Trip Economy:	202.91 mpg

Total (hh:mm)	07:02	02:30	14:28
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	1	1	118
06:00-08:00	41	44	35
08:00-10:00	102	18	0
10:00-12:00	115	5	0
12:00-14:00	81	34	5
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	8	8	104
22:00-24:00	74	40	6

Date:	9/7/2017
Start Time:	13:49:33 EST
Odometer:	183469.80 mi
Distance:	292.40 mi
Fuel:	35.75 gal
Fuel Economy:	8.18 mpg
Average Speed:	59.07 mph
DEF Fluid:	1.14 gal
Trip Economy:	256.79 mpg

Total (hh:mm)	04:57	00:27	18:36
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	4	6	110
06:00-08:00	7	1	112
08:00-10:00	116	4	0
10:00-12:00	117	2	1
12:00-14:00	52	14	54
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	1	0	119

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	9/6/2017
Start Time:	13:41:44 EST
Odometer:	183217.20 mi
Distance:	252.60 mi
Fuel:	39.00 gal
Fuel Economy:	6.48 mpg
Average Speed:	45.79 mph
DEF Fluid:	1.18 gal
Trip Economy:	214.21 mpg

Total (hh:mm)	05:31	01:34	16:55
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	17	103
06:00-08:00	48	34	38
08:00-10:00	100	20	0
10:00-12:00	117	3	0
12:00-14:00	66	20	34
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:	9/6/2017
Start Time:	07:49:31 EST
Odometer:	183217.20 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)	00:00	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:	9/4/2017
Start Time:	08:39:49 EST
Odometer:	183217.20 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)	00:02	00:06	23:52
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	2	6	112
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: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	9/3/2017
Start Time:	08:02:01 EST
Odometer:	182849.70 mi
Distance:	367.50 mi
Fuel:	52.00 gal
Fuel Economy:	7.07 mpg
Average Speed:	56.98 mph
DEF Fluid:	1.59 gal
Trip Economy:	230.80 mpg

Total (hh:mm)	06:27	01:37	15:56
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	60	32	28
02:00-04:00	57	14	49
04:00-06:00	102	4	14
06:00-08:00	98	9	13
08:00-10:00	70	38	12
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:	9/2/2017
Start Time:	08:02:29 EST
Odometer:	182574.50 mi
Distance:	275.20 mi
Fuel:	44.75 gal
Fuel Economy:	6.15 mpg
Average Speed:	46.91 mph
DEF Fluid:	1.34 gal
Trip Economy:	204.87 mpg

Total (hh:mm)	05:52	02:51	15:17
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	9	14	97
02:00-04:00	103	17	0
04:00-06:00	21	23	76
06:00-08:00	14	31	75
08:00-10:00	19	30	71
10:00-12:00	31	30	59
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	17	25	78
20:00-22:00	120	0	0
22:00-24:00	18	1	101

Date:	9/1/2017
Start Time:	08:00:00 EST
Odometer:	182206.40 mi
Distance:	368.10 mi
Fuel:	51.00 gal
Fuel Economy:	7.22 mpg
Average Speed:	57.82 mph
DEF Fluid:	1.74 gal
Trip Economy:	211.29 mpg

Total (hh:mm)	06:22	01:53	15:45
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	104	1	15
02:00-04:00	55	16	49
04:00-06:00	31	10	79
06:00-08:00	119	1	0
08:00-10:00	44	40	36
10:00-12:00	11	25	84
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	10	109
22:00-24:00	17	10	93

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	8/31/2017
Start Time:	08:55:14 EST
Odometer:	182126.10 mi
Distance:	80.30 mi
Fuel:	16.00 gal
Fuel Economy:	5.02 mpg
Average Speed:	35.43 mph
DEF Fluid:	0.51 gal
Trip Economy:	158.13 mpg

Total (hh:mm)	02:16	01:27	20:17
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	1	0	119
02:00-04:00	0	1	119
04:00-06:00	0	7	113
06:00-08:00	0	0	120
08:00-10:00	2	13	105
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	42	37	41
22:00-24:00	91	29	0

Date:	8/30/2017
Start Time:	15:33:04 EST
Odometer:	182126.00 mi
Distance:	0.10 mi
Fuel:	0.25 gal
Fuel Economy:	0.40 mpg
Average Speed:	1.50 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:04	00:07	23:49
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	0	0	120
06:00-08:00	2	7	111
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	0	118
22:00-24:00	0	0	120

Date:	8/29/2017
Start Time:	12:01:35 EST
Odometer:	182125.90 mi
Distance:	0.10 mi
Fuel:	0.00 gal
Fuel Economy:	0.00 mpg
Average Speed:	2.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:03	00:03	23:54
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	2	3	115
06:00-08:00	0	0	120
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

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:55

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	8/28/2017
Start Time:	13:07:23 EST
Odometer:	182125.80 mi
Distance:	0.10 mi
Fuel:	0.25 gal
Fuel Economy:	0.40 mpg
Average Speed:	6.00 mph
DEF Fluid:	0.00 gal
Trip Economy:	0.00 mpg

Total (hh:mm)	00:01	00:13	23:46
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	1	13	106
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:	8/27/2017
Start Time:	09:03:03 EST
Odometer:	182071.40 mi
Distance:	54.40 mi
Fuel:	16.75 gal
Fuel Economy:	3.25 mpg
Average Speed:	16.24 mph
DEF Fluid:	0.48 gal
Trip Economy:	113.22 mpg

Total (hh:mm)	03:21	01:56	18:43
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	16	11	93
02:00-04:00	50	31	39
04:00-06:00	40	27	53
06:00-08:00	8	6	106
08:00-10:00	22	25	73
10:00-12:00	64	16	40
12:00-14:00	0	0	120
14:00-16:00	0	0	120
16:00-18:00	0	0	120
18:00-20:00	0	0	120
20:00-22:00	0	0	120
22:00-24:00	1	0	119

Date:	8/26/2017
Start Time:	08:00:00 EST
Odometer:	181863.60 mi
Distance:	207.80 mi
Fuel:	29.75 gal
Fuel Economy:	6.98 mpg
Average Speed:	49.67 mph
DEF Fluid:	1.01 gal
Trip Economy:	205.59 mpg

Total (hh:mm)	04:11	01:24	18:25
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	103	2	15
02:00-04:00	44	5	71
04:00-06:00	4	0	116
06:00-08:00	0	0	120
08:00-10:00	30	51	39
10:00-12:00	32	9	79
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	4	115
22:00-24:00	37	13	70

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:56

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	8/25/2017
Start Time:	08:00:00 EST
Odometer:	181658.20 mi
Distance:	205.40 mi
Fuel:	32.25 gal
Fuel Economy:	6.37 mpg
Average Speed:	43.55 mph
DEF Fluid:	1.03 gal
Trip Economy:	200.22 mpg

Total (hh:mm)	04:43	01:26	17:51
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	97	8	15
02:00-04:00	3	5	112
04:00-06:00	30	19	71
06:00-08:00	25	24	71
08:00-10:00	45	14	61
10:00-12:00	11	10	99
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	72	6	42

Date:	8/24/2017
Start Time:	08:48:54 EST
Odometer:	181251.10 mi
Distance:	407.10 mi
Fuel:	51.00 gal
Fuel Economy:	7.98 mpg
Average Speed:	59.87 mph
DEF Fluid:	1.49 gal
Trip Economy:	272.91 mpg

Total (hh:mm)	06:48	00:43	16:29
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	24	8	88
02:00-04:00	51	10	59
04:00-06:00	105	2	13
06:00-08:00	102	3	15
08:00-10:00	34	10	76
10:00-12:00	16	5	99
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	76	5	39

Date:	8/23/2017
Start Time:	08:00:00 EST
Odometer:	180984.40 mi
Distance:	266.70 mi
Fuel:	40.50 gal
Fuel Economy:	6.59 mpg
Average Speed:	47.06 mph
DEF Fluid:	1.21 gal
Trip Economy:	220.60 mpg

Total (hh:mm)	05:40	01:13	17:07
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	77	13	30
02:00-04:00	36	10	74
04:00-06:00	117	3	0
06:00-08:00	49	17	54
08:00-10:00	13	5	102
10:00-12:00	14	12	94
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	34	13	73

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:56

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	8/22/2017
Start Time:	08:09:53 EST
Odometer:	180744.10 mi
Distance:	240.30 mi
Fuel:	39.50 gal
Fuel Economy:	6.08 mpg
Average Speed:	42.66 mph
DEF Fluid:	1.21 gal
Trip Economy:	197.96 mpg

Total (hh:mm)	05:38	03:08	15:14
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	12	33	75
02:00-04:00	41	46	33
04:00-06:00	103	11	6
06:00-08:00	49	36	35
08:00-10:00	37	41	42
10:00-12:00	1	2	117
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	4	116
22:00-24:00	95	15	10

Date:	8/21/2017
Start Time:	08:00:00 EST
Odometer:	180473.00 mi
Distance:	271.10 mi
Fuel:	43.50 gal
Fuel Economy:	6.23 mpg
Average Speed:	41.60 mph
DEF Fluid:	1.25 gal
Trip Economy:	216.04 mpg

Total (hh:mm)	06:31	02:17	15:12
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	79	10	31
02:00-04:00	27	15	78
04:00-06:00	111	5	4
06:00-08:00	62	22	36
08:00-10:00	34	33	53
10:00-12:00	23	21	76
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	55	31	34

Date:	8/20/2017
Start Time:	08:00:00 EST
Odometer:	180094.00 mi
Distance:	379.00 mi
Fuel:	58.50 gal
Fuel Economy:	6.48 mpg
Average Speed:	43.73 mph
DEF Fluid:	1.82 gal
Trip Economy:	208.49 mpg

Total (hh:mm)	08:40	02:41	12:39
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	100	0	20
02:00-04:00	79	29	12
04:00-06:00	1	35	84
06:00-08:00	107	13	0
08:00-10:00	93	19	8
10:00-12:00	2	1	117
12:00-14:00	40	15	65
14:00-16:00	58	27	35
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	40	22	58

DDEC® Reports - Daily Engine Usage

Print Date: 10/18/2017 15:56

Date Range: 10/18/17 To 08/17/17 (EST)

DDC

Vehicle ID:

Driver ID:

Engine S/N: 471934S0279824

Date:	8/19/2017
Start Time:	09:32:33 EST
Odometer:	179659.60 mi
Distance:	434.40 mi
Fuel:	56.00 gal
Fuel Economy:	7.76 mpg
Average Speed:	57.92 mph
DEF Fluid:	1.83 gal
Trip Economy:	237.62 mpg

Total (hh:mm)	07:30	01:26	15:04
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	1	1	118
02:00-04:00	0	0	120
04:00-06:00	3	6	111
06:00-08:00	1	2	117
08:00-10:00	0	0	120
10:00-12:00	0	0	120
12:00-14:00	22	44	54
14:00-16:00	106	14	0
16:00-18:00	120	0	0
18:00-20:00	47	9	64
20:00-22:00	65	10	45
22:00-24:00	85	0	35

Date:	8/18/2017
Start Time:	08:36:49 EST
Odometer:	178847.10 mi
Distance:	812.50 mi
Fuel:	106.50 gal
Fuel Economy:	7.63 mpg
Average Speed:	53.51 mph
DEF Fluid:	3.05 gal
Trip Economy:	266.45 mpg

Total (hh:mm)	15:11	01:43	07:06
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	36	21	63
02:00-04:00	1	7	112
04:00-06:00	98	9	13
06:00-08:00	113	1	6
08:00-10:00	55	5	60
10:00-12:00	82	12	26
12:00-14:00	23	22	75
14:00-16:00	80	10	30
16:00-18:00	120	0	0
18:00-20:00	113	7	0
20:00-22:00	120	0	0
22:00-24:00	70	9	41

Date:	8/17/2017
Start Time:	08:00:00 EST
Odometer:	178584.00 mi
Distance:	263.10 mi
Fuel:	40.50 gal
Fuel Economy:	6.50 mpg
Average Speed:	42.90 mph
DEF Fluid:	1.11 gal
Trip Economy:	236.22 mpg

Total (hh:mm)	06:08	01:48	16:04
Hour (EST)	Drive (min)	Idle (min)	Off (min)
00:00-02:00	21	25	74
02:00-04:00	107	12	1
04:00-06:00	44	16	60
06:00-08:00	86	4	30
08:00-10:00	56	10	54
10:00-12:00	8	11	101
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	46	30	44

DDEC® Reports - Hard Brake

#1

Print Date: 10/18/2017 15:56
DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)
Vehicle ID:
Driver ID:
Odometer: 184889.0 mi
Engine S/N: 471934S0279824

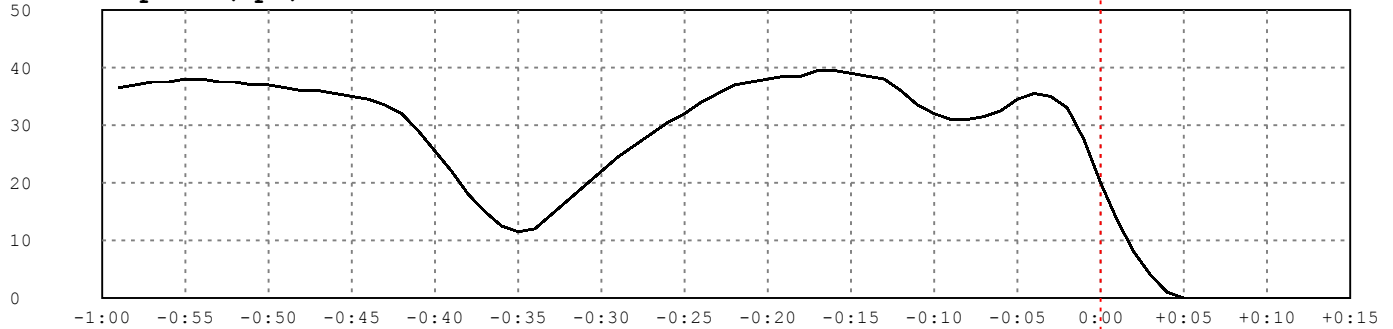
Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

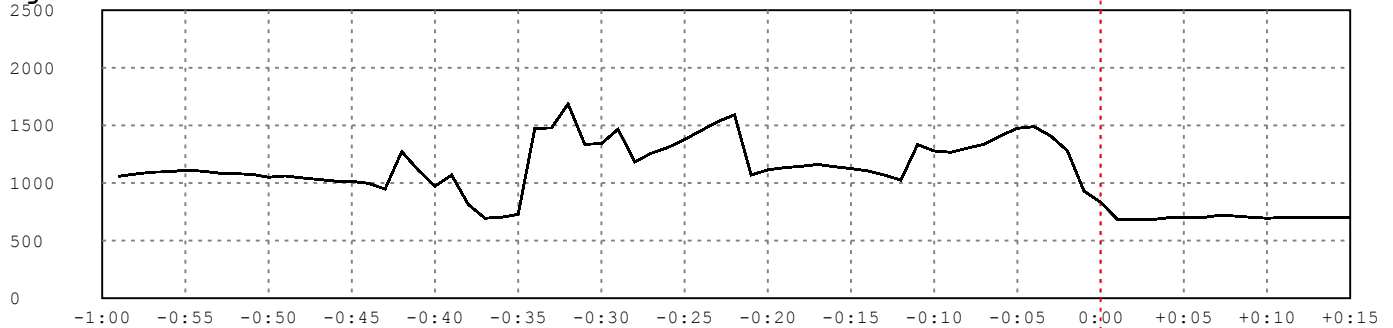
Incident Time: 09/03/17 17:28:51 (EST)

Incident Odometer: 183216.9 mi

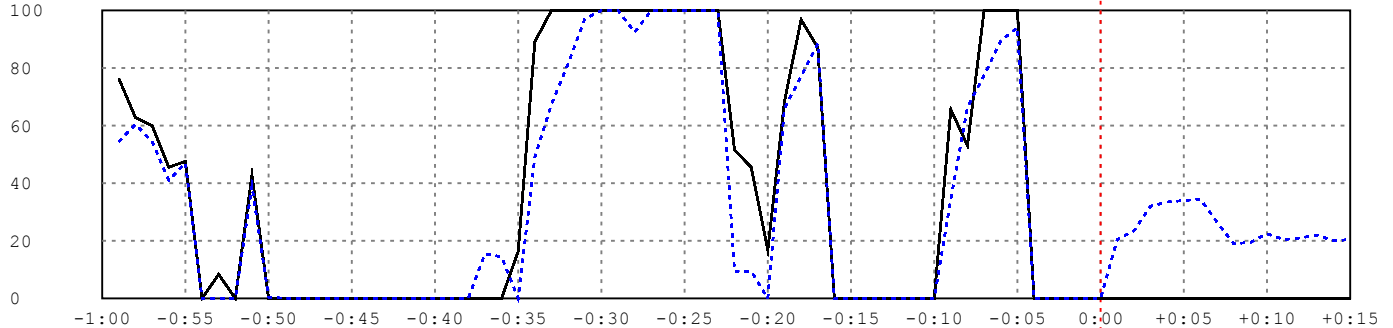
Vehicle Speed (mph)



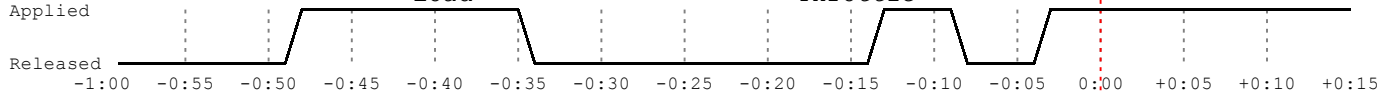
Engine RPM



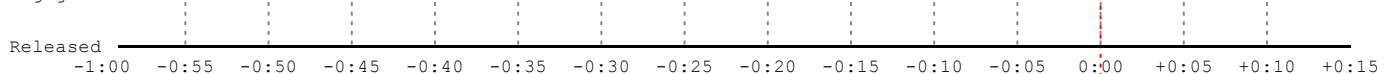
Percent



Brake



Clutch



DDEC® Reports - Hard Brake

#2

Print Date: 10/18/2017 15:56
DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)
Vehicle ID:
Driver ID:
Odometer: 184889.0 mi
Engine S/N: 471934S0279824

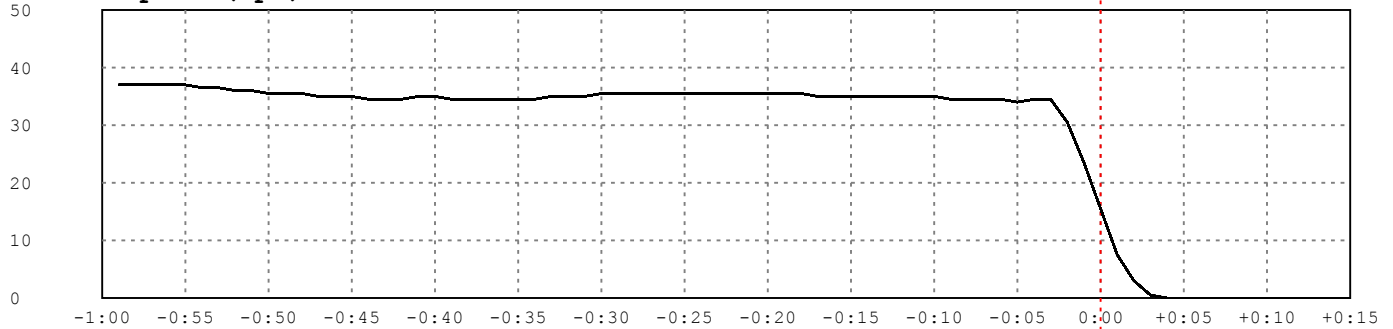
Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

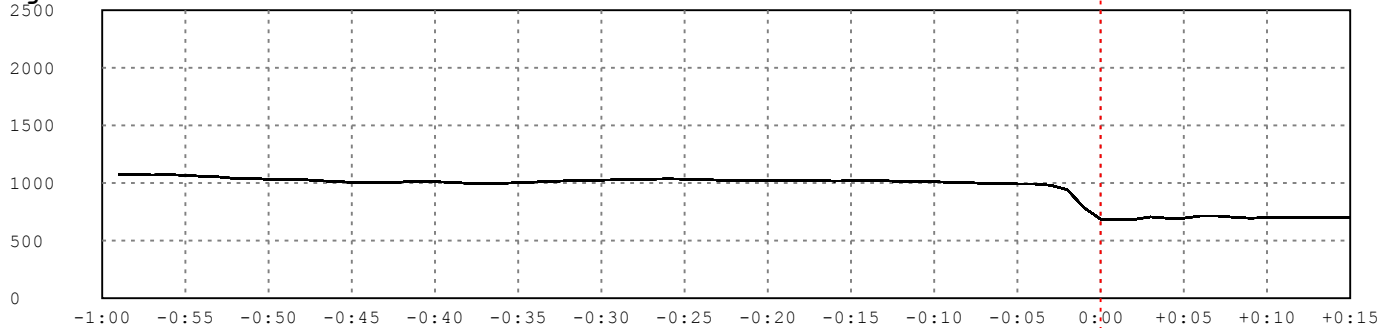
Incident Time: 08/12/17 6:49:16 (EST)

Incident Odometer: 177890.6 mi

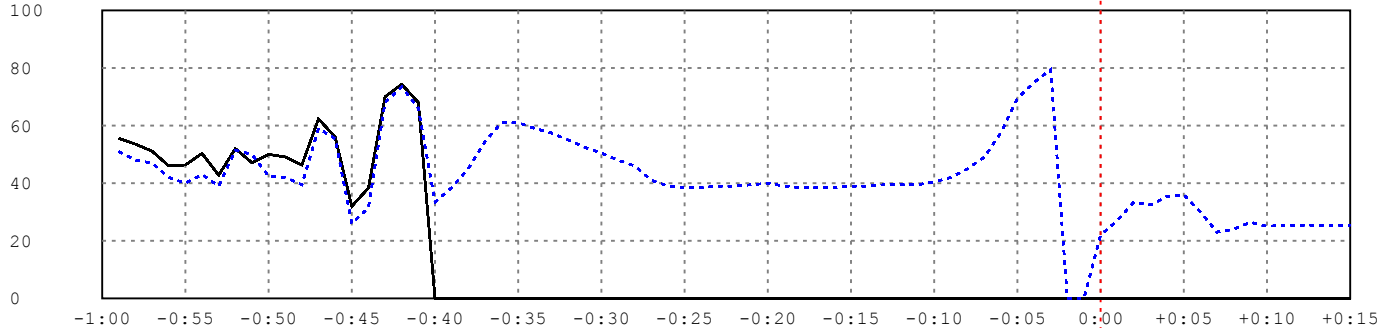
Vehicle Speed (mph)



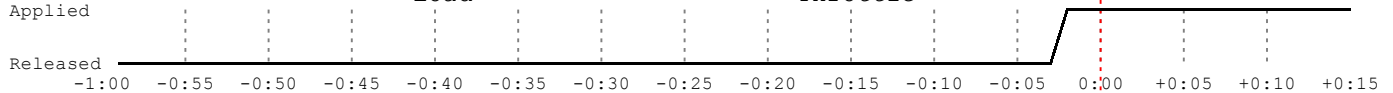
Engine RPM



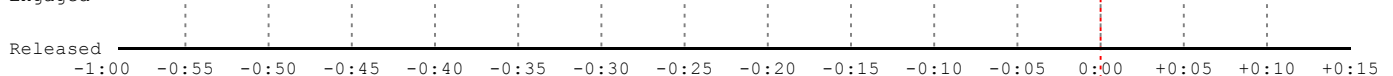
Percent



Brake



Clutch



DDEC® Reports - Hard Brake

#1

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

Incident Time: 9/3/2017 17:28:51 (EST)

Incident Odometer: 183216.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	36.5	1059	No	No	54.50	76.40	No	No
-0:58	37.0	1080	No	No	60.50	62.80	No	No
-0:57	37.5	1095	No	No	54.50	60.00	No	No
-0:56	37.5	1099	No	No	41.00	45.60	No	No
-0:55	38.0	1112	No	No	47.00	47.60	No	No
-0:54	38.0	1103	No	No	0.00	0.00	No	No
-0:53	37.5	1087	No	No	0.00	8.40	No	No
-0:52	37.5	1081	No	No	0.00	0.00	No	No
-0:51	37.0	1076	No	No	39.00	42.80	No	No
-0:50	37.0	1052	No	No	0.50	0.00	No	No
-0:49	36.5	1062	No	No	0.00	0.00	No	No
-0:48	36.0	1046	Yes	No	0.00	0.00	No	No
-0:47	36.0	1032	Yes	No	0.00	0.00	No	No
-0:46	35.5	1019	Yes	No	0.00	0.00	No	No
-0:45	35.0	1014	Yes	No	0.00	0.00	No	No
-0:44	34.5	998	Yes	No	0.00	0.00	No	No
-0:43	33.5	948	Yes	No	0.00	0.00	No	No
-0:42	32.0	1273	Yes	No	0.00	0.00	No	No
-0:41	29.0	1111	Yes	No	0.00	0.00	No	No
-0:40	25.5	974	Yes	No	0.00	0.00	No	No
-0:39	22.0	1070	Yes	No	0.00	0.00	No	No
-0:38	18.0	816	Yes	No	0.00	0.00	No	No
-0:37	15.0	696	Yes	No	15.50	0.00	No	No
-0:36	12.5	704	Yes	No	14.50	0.00	No	No
-0:35	11.5	730	Yes	No	0.00	16.40	No	No
-0:34	12.0	1477	No	No	49.00	89.20	No	No
-0:33	14.5	1480	No	No	67.50	100.00	No	No
-0:32	17.0	1687	No	No	81.50	100.00	No	No
-0:31	19.5	1338	No	No	97.00	100.00	No	No
-0:30	22.0	1343	No	No	100.00	100.00	No	No
-0:29	24.5	1468	No	No	100.00	100.00	No	No
-0:28	26.5	1185	No	No	92.50	100.00	No	No
-0:27	28.5	1260	No	No	100.00	100.00	No	No
-0:26	30.5	1311	No	No	100.00	100.00	No	No
-0:25	32.0	1380	No	No	100.00	100.00	No	No
-0:24	34.0	1458	No	No	100.00	100.00	No	No
-0:23	35.5	1534	No	No	100.00	100.00	No	No
-0:22	37.0	1593	No	No	9.50	51.60	No	No
-0:21	37.5	1072	No	No	9.50	45.60	No	No
-0:20	38.0	1117	No	No	0.00	16.80	No	No

DDEC® Reports - Hard Brake

#1

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Incident Time: 9/3/2017 17:28:51 (EST)

Incident Odometer: 183216.9 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	38.5	1135	No	No	66.00	68.40	No	No
-0:18	38.5	1146	No	No	77.00	96.80	No	No
-0:17	39.5	1163	No	No	88.50	87.20	No	No
-0:16	39.5	1142	No	No	0.00	0.00	No	No
-0:15	39.0	1127	No	No	0.00	0.00	No	No
-0:14	38.5	1107	No	No	0.00	0.00	No	No
-0:13	38.0	1070	Yes	No	0.00	0.00	No	No
-0:12	36.0	1026	Yes	No	0.00	0.00	No	No
-0:11	33.5	1335	Yes	No	0.00	0.00	No	No
-0:10	32.0	1280	Yes	No	0.00	0.00	No	No
-0:09	31.0	1267	Yes	No	34.50	65.60	No	No
-0:08	31.0	1305	No	No	66.50	53.20	No	No
-0:07	31.5	1338	No	No	77.50	100.00	No	No
-0:06	32.5	1412	No	No	89.50	100.00	No	No
-0:05	34.5	1478	No	No	94.00	100.00	No	No
-0:04	35.5	1492	No	No	0.00	0.00	No	No
-0:03	35.0	1409	Yes	No	0.00	0.00	No	No
-0:02	33.0	1282	Yes	No	0.00	0.00	No	No
-0:01	27.5	933	Yes	No	0.00	0.00	No	No
0:00	20.0	835	Yes	No	0.00	0.00	No	No
+0:01	13.5	687	Yes	No	20.50	0.00	No	No
+0:02	8.0	685	Yes	No	23.50	0.00	No	No
+0:03	4.0	681	Yes	No	32.00	0.00	No	No
+0:04	1.0	700	Yes	No	33.50	0.00	No	No
+0:05	0.0	699	Yes	No	34.00	0.00	No	No
+0:06	0.0	699	Yes	No	34.50	0.00	No	No
+0:07	0.0	719	Yes	No	26.50	0.00	No	No
+0:08	0.0	716	Yes	No	19.00	0.00	No	No
+0:09	0.0	704	Yes	No	19.50	0.00	No	No
+0:10	0.0	695	Yes	No	22.50	0.00	No	No
+0:11	0.0	702	Yes	No	20.50	0.00	No	No
+0:12	0.0	700	Yes	No	21.00	0.00	No	No
+0:13	0.0	698	Yes	No	22.00	0.00	No	No
+0:14	0.0	704	Yes	No	20.00	0.00	No	No
+0:15	0.0	701	Yes	No	20.50	0.00	No	No

DDEC® Reports - Hard Brake

#2

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

Incident Time: 8/12/2017 06:49:16 (EST)

Incident Odometer: 177890.6 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:59	37.0	1074	No	No	51.00	55.60	No	No
-0:58	37.0	1076	No	No	48.00	53.60	No	No
-0:57	37.0	1070	No	No	47.00	51.20	No	No
-0:56	37.0	1072	No	No	42.00	46.00	No	No
-0:55	37.0	1068	No	No	40.00	46.40	No	No
-0:54	36.5	1059	No	No	43.00	50.40	No	No
-0:53	36.5	1055	No	No	39.00	42.80	No	No
-0:52	36.0	1041	No	No	51.50	52.00	No	No
-0:51	36.0	1042	No	No	50.00	47.20	No	No
-0:50	35.5	1031	No	No	42.50	50.00	No	No
-0:49	35.5	1028	No	No	42.00	49.20	No	No
-0:48	35.5	1031	No	No	39.50	46.40	No	No
-0:47	35.0	1020	No	No	59.00	62.40	No	No
-0:46	35.0	1015	No	No	55.50	56.00	No	No
-0:45	35.0	1006	No	No	26.00	32.00	No	No
-0:44	34.5	1003	No	No	31.50	38.40	No	No
-0:43	34.5	1004	No	No	68.00	70.00	No	No
-0:42	34.5	1011	No	No	73.50	74.40	No	No
-0:41	35.0	1018	No	No	66.00	68.00	No	No
-0:40	35.0	1011	No	No	33.50	0.00	Yes	No
-0:39	34.5	1006	No	No	38.50	0.00	Yes	No
-0:38	34.5	998	No	No	45.00	0.00	Yes	No
-0:37	34.5	996	No	No	54.50	0.00	Yes	No
-0:36	34.5	1000	No	No	61.00	0.00	Yes	No
-0:35	34.5	1003	No	No	61.00	0.00	Yes	No
-0:34	34.5	1009	No	No	59.00	0.00	Yes	No
-0:33	35.0	1015	No	No	57.50	0.00	Yes	No
-0:32	35.0	1020	No	No	55.00	0.00	Yes	No
-0:31	35.0	1026	No	No	52.50	0.00	Yes	No
-0:30	35.5	1027	No	No	50.50	0.00	Yes	No
-0:29	35.5	1030	No	No	48.00	0.00	Yes	No
-0:28	35.5	1032	No	No	46.00	0.00	Yes	No
-0:27	35.5	1036	No	No	41.00	0.00	Yes	No
-0:26	35.5	1036	No	No	39.00	0.00	Yes	No
-0:25	35.5	1034	No	No	38.50	0.00	Yes	No
-0:24	35.5	1032	No	No	38.50	0.00	Yes	No
-0:23	35.5	1026	No	No	39.00	0.00	Yes	No
-0:22	35.5	1026	No	No	39.00	0.00	Yes	No
-0:21	35.5	1027	No	No	39.50	0.00	Yes	No
-0:20	35.5	1028	No	No	40.00	0.00	Yes	No

DDEC® Reports - Hard Brake

#2

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Incident Time: 8/12/2017 06:49:16 (EST)

Incident Odometer: 177890.6 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:19	35.5	1027	No	No	39.00	0.00	Yes	No
-0:18	35.5	1025	No	No	38.50	0.00	Yes	No
-0:17	35.0	1023	No	No	38.50	0.00	Yes	No
-0:16	35.0	1019	No	No	38.50	0.00	Yes	No
-0:15	35.0	1020	No	No	39.00	0.00	Yes	No
-0:14	35.0	1020	No	No	39.00	0.00	Yes	No
-0:13	35.0	1020	No	No	39.50	0.00	Yes	No
-0:12	35.0	1016	No	No	39.50	0.00	Yes	No
-0:11	35.0	1014	No	No	39.50	0.00	Yes	No
-0:10	35.0	1013	No	No	40.50	0.00	Yes	No
-0:09	34.5	1007	No	No	42.00	0.00	Yes	No
-0:08	34.5	1005	No	No	45.00	0.00	Yes	No
-0:07	34.5	997	No	No	49.00	0.00	Yes	No
-0:06	34.5	998	No	No	57.50	0.00	Yes	No
-0:05	34.0	993	No	No	69.50	0.00	Yes	No
-0:04	34.5	993	No	No	75.00	0.00	Yes	No
-0:03	34.5	983	No	No	79.50	0.00	Yes	No
-0:02	30.5	942	Yes	No	0.00	0.00	Yes	No
-0:01	23.5	786	Yes	No	0.00	0.00	No	No
0:00	15.5	688	Yes	No	22.00	0.00	No	No
+0:01	7.5	688	Yes	No	27.00	0.00	No	No
+0:02	3.0	684	Yes	No	33.50	0.00	No	No
+0:03	0.5	706	Yes	No	32.50	0.00	No	No
+0:04	0.0	697	Yes	No	35.50	0.00	No	No
+0:05	0.0	697	Yes	No	36.00	0.00	No	No
+0:06	0.0	714	Yes	No	30.00	0.00	No	No
+0:07	0.0	716	Yes	No	23.00	0.00	No	No
+0:08	0.0	704	Yes	No	24.00	0.00	No	No
+0:09	0.0	695	Yes	No	26.50	0.00	No	No
+0:10	0.0	701	Yes	No	25.00	0.00	No	No
+0:11	0.0	699	Yes	No	25.50	0.00	No	No
+0:12	0.0	700	Yes	No	25.50	0.00	No	No
+0:13	0.0	699	Yes	No	25.50	0.00	No	No
+0:14	0.0	700	Yes	No	25.50	0.00	No	No
+0:15	0.0	700	Yes	No	25.50	0.00	No	No

DDEC® Reports - Last Stop Record

Print Date: 10/18/2017 15:56
DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

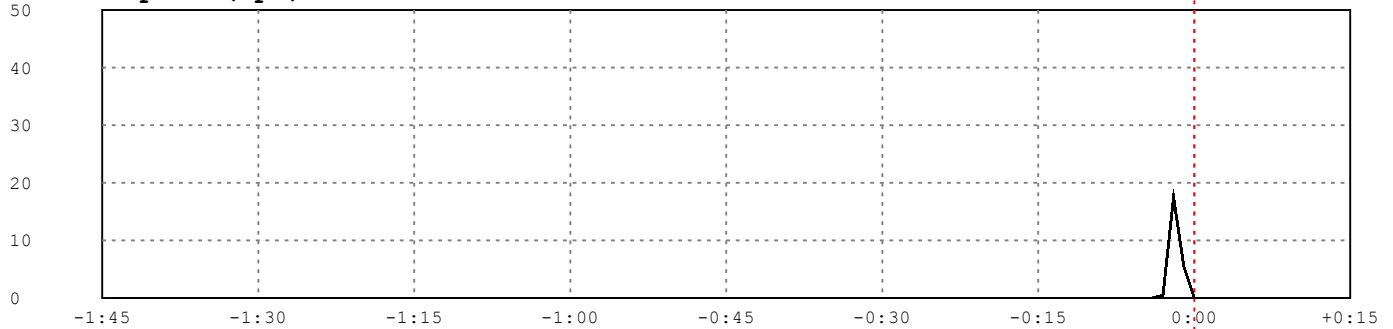
Trip Distance 34525.8 mi
Trip Fuel 5451.72 gal
Fuel Economy 6.33 mpg
Avg Drive Load 43 %
Avg Vehicle Speed 44.2 mph

Trip Time 1102:12:36
Fuel Consumption 4.95 gal/h
Idle Time 319:08:51
Idle Percent 28.96 %
Idle Fuel 529.47 gal
Parked Regen Time 2:23:18

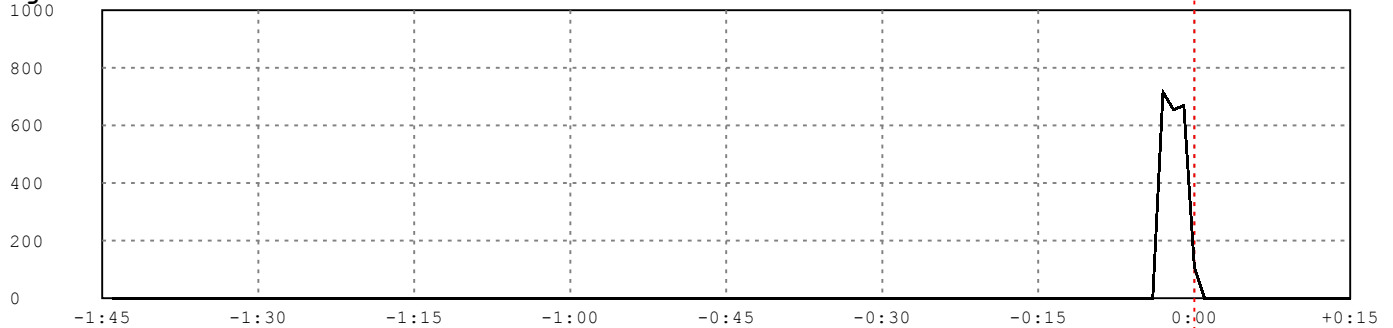
Last Stop Time: 09/18/17 4:31:23 (EST)

Last Stop Odometer: 184889.0 mi

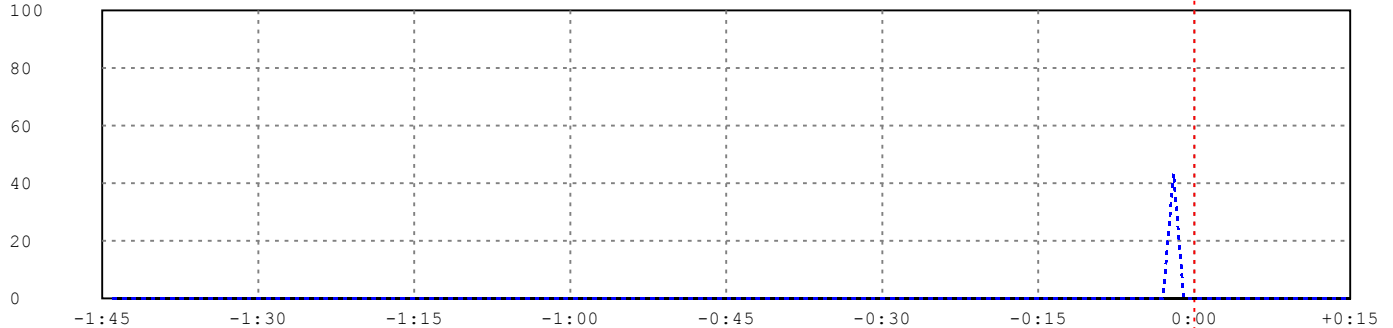
Vehicle Speed (mph)



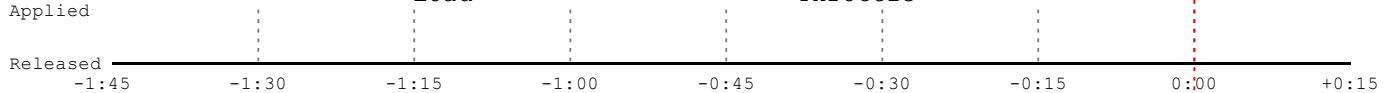
Engine RPM



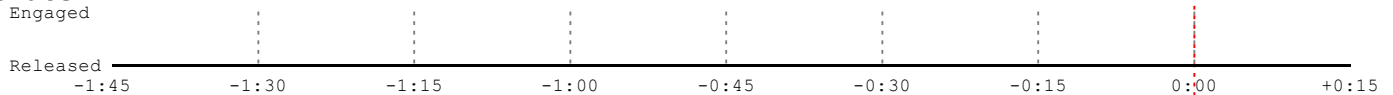
Percent



Brake



Clutch



DDEC® Reports - Last Stop Record

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

Last Stop Time: 9/18/2017 04:31:23 (EST) Last Stop Odometer: 184889.0 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	No	0.00	0.00	No	No
-1:24	0.0	0	No	No	0.00	0.00	No	No
-1:23	0.0	0	No	No	0.00	0.00	No	No
-1:22	0.0	0	No	No	0.00	0.00	No	No
-1:21	0.0	0	No	No	0.00	0.00	No	No
-1:20	0.0	0	No	No	0.00	0.00	No	No
-1:19	0.0	0	No	No	0.00	0.00	No	No
-1:18	0.0	0	No	No	0.00	0.00	No	No
-1:17	0.0	0	No	No	0.00	0.00	No	No
-1:16	0.0	0	No	No	0.00	0.00	No	No
-1:15	0.0	0	No	No	0.00	0.00	No	No
-1:14	0.0	0	No	No	0.00	0.00	No	No
-1:13	0.0	0	No	No	0.00	0.00	No	No
-1:12	0.0	0	No	No	0.00	0.00	No	No
-1:11	0.0	0	No	No	0.00	0.00	No	No
-1:10	0.0	0	No	No	0.00	0.00	No	No
-1:09	0.0	0	No	No	0.00	0.00	No	No
-1:08	0.0	0	No	No	0.00	0.00	No	No
-1:07	0.0	0	No	No	0.00	0.00	No	No
-1:06	0.0	0	No	No	0.00	0.00	No	No
-1:05	0.0	0	No	No	0.00	0.00	No	No

DDEC® Reports - Last Stop Record

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Last Stop Time: 9/18/2017 04:31:23 (EST)

Last Stop Odometer: 184889.0 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-1:04	0.0	0	No	No	0.00	0.00	No	No
-1:03	0.0	0	No	No	0.00	0.00	No	No
-1:02	0.0	0	No	No	0.00	0.00	No	No
-1:01	0.0	0	No	No	0.00	0.00	No	No
-1:00	0.0	0	No	No	0.00	0.00	No	No
-0:59	0.0	0	No	No	0.00	0.00	No	No
-0:58	0.0	0	No	No	0.00	0.00	No	No
-0:57	0.0	0	No	No	0.00	0.00	No	No
-0:56	0.0	0	No	No	0.00	0.00	No	No
-0:55	0.0	0	No	No	0.00	0.00	No	No
-0:54	0.0	0	No	No	0.00	0.00	No	No
-0:53	0.0	0	No	No	0.00	0.00	No	No
-0:52	0.0	0	No	No	0.00	0.00	No	No
-0:51	0.0	0	No	No	0.00	0.00	No	No
-0:50	0.0	0	No	No	0.00	0.00	No	No
-0:49	0.0	0	No	No	0.00	0.00	No	No
-0:48	0.0	0	No	No	0.00	0.00	No	No
-0:47	0.0	0	No	No	0.00	0.00	No	No
-0:46	0.0	0	No	No	0.00	0.00	No	No
-0:45	0.0	0	No	No	0.00	0.00	No	No
-0:44	0.0	0	No	No	0.00	0.00	No	No
-0:43	0.0	0	No	No	0.00	0.00	No	No
-0:42	0.0	0	No	No	0.00	0.00	No	No
-0:41	0.0	0	No	No	0.00	0.00	No	No
-0:40	0.0	0	No	No	0.00	0.00	No	No
-0:39	0.0	0	No	No	0.00	0.00	No	No
-0:38	0.0	0	No	No	0.00	0.00	No	No
-0:37	0.0	0	No	No	0.00	0.00	No	No
-0:36	0.0	0	No	No	0.00	0.00	No	No
-0:35	0.0	0	No	No	0.00	0.00	No	No
-0:34	0.0	0	No	No	0.00	0.00	No	No
-0:33	0.0	0	No	No	0.00	0.00	No	No
-0:32	0.0	0	No	No	0.00	0.00	No	No
-0:31	0.0	0	No	No	0.00	0.00	No	No
-0:30	0.0	0	No	No	0.00	0.00	No	No
-0:29	0.0	0	No	No	0.00	0.00	No	No
-0:28	0.0	0	No	No	0.00	0.00	No	No
-0:27	0.0	0	No	No	0.00	0.00	No	No
-0:26	0.0	0	No	No	0.00	0.00	No	No
-0:25	0.0	0	No	No	0.00	0.00	No	No

DDEC® Reports - Last Stop Record

Print Date: 10/18/2017 15:56

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

DDC

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Last Stop Time: 9/18/2017 04:31:23 (EST)

Last Stop Odometer: 184889.0 mi

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Brake	Clutch	Engine Load (%)	Throttle (%)	Cruise	Diag. Code
-0:24	0.0	0	No	No	0.00	0.00	No	No
-0:23	0.0	0	No	No	0.00	0.00	No	No
-0:22	0.0	0	No	No	0.00	0.00	No	No
-0:21	0.0	0	No	No	0.00	0.00	No	No
-0:20	0.0	0	No	No	0.00	0.00	No	No
-0:19	0.0	0	No	No	0.00	0.00	No	No
-0:18	0.0	0	No	No	0.00	0.00	No	No
-0:17	0.0	0	No	No	0.00	0.00	No	No
-0:16	0.0	0	No	No	0.00	0.00	No	No
-0:15	0.0	0	No	No	0.00	0.00	No	No
-0:14	0.0	0	No	No	0.00	0.00	No	No
-0:13	0.0	0	No	No	0.00	0.00	No	No
-0:12	0.0	0	No	No	0.00	0.00	No	No
-0:11	0.0	0	No	No	0.00	0.00	No	No
-0:10	0.0	0	No	No	0.00	0.00	No	No
-0:09	0.0	0	No	No	0.00	0.00	No	No
-0:08	0.0	0	No	No	0.00	0.00	No	No
-0:07	0.0	0	No	No	0.00	0.00	No	No
-0:06	0.0	0	No	No	0.00	0.00	No	No
-0:05	0.0	0	No	No	0.00	0.00	No	No
-0:04	0.0	0	No	No	0.00	0.00	No	No
-0:03	0.5	716	No	No	0.00	0.00	No	No
-0:02	17.5	656	No	No	43.50	0.00	No	No
-0:01	5.5	670	No	No	0.00	0.00	No	No
0:00	0.0	109	No	No	0.00	0.00	No	No
+0:01	0.0	0	No	No	0.00	0.00	No	No
+0:02	0.0	0	No	No	0.00	0.00	No	No
+0:03	0.0	0	No	No	0.00	0.00	No	No
+0:04	0.0	0	No	No	0.00	0.00	No	No
+0:05	0.0	0	No	No	0.00	0.00	No	No
+0:06	0.0	0	No	No	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

Print Date: 10/18/2017 15:56

DCC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

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: [4374/0] - check of relation between pump speed and pressure: pump speed too high

Diag. Time: 9/16/2017 04:27:34 (EST)

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Boost Press (psi)	Oil Press (psi)	Fuel Press (psi)
04:27:34	3.0	698	13.4	56.9	96.9
04:27:29	3.0	702	13.6	57.4	96.9
04:27:24	1.0	700	13.6	57.4	96.9
04:27:19	0.5	704	13.6	57.4	96.9
04:27:14	0.5	700	13.6	57.4	96.3
04:27:09	0.0	727	13.4	58.0	96.9
04:27:04	0.0	700	13.6	57.4	96.9
04:26:59	0.0	702	13.9	57.4	96.9
04:26:54	0.0	700	13.6	57.4	96.9
04:26:49	0.0	696	13.6	57.4	95.8
04:26:44	0.0	950	12.1	63.3	103.9
04:26:39	0.0	950	12.1	63.3	103.9

Time	Coolant Temp (°F)	Oil Temp (°F)	Fuel Temp (°F)	Engine Load (%)	Throttle (% throttle)
04:27:34	122.0	120.0	82.3	35.5	0.0
04:27:29	122.0	118.3	82.3	35.5	0.0
04:27:24	122.0	118.3	82.3	38.0	0.0
04:27:19	120.0	118.3	82.3	38.0	0.0
04:27:14	120.0	118.3	84.0	39.5	0.0
04:27:09	120.0	118.3	84.0	29.5	0.0
04:27:04	120.0	118.3	84.0	39.0	0.0
04:26:59	120.0	118.3	84.0	39.0	0.0
04:26:54	118.3	116.5	84.0	39.5	0.0
04:26:49	118.3	116.5	84.0	39.5	0.0
04:26:44	118.3	116.5	84.0	21.5	0.0
04:26:39	118.3	116.5	84.0	21.5	0.0

Time	Eng. Brake (cylinders)	Cruise	Accel Switch	Brake Switch	Clutch Switch
04:27:34	Off	No	No	Yes	No
04:27:29	Off	No	No	Yes	No
04:27:24	Off	No	No	Yes	No
04:27:19	Off	No	No	Yes	No
04:27:14	Off	No	No	Yes	No
04:27:09	Off	No	No	Yes	No
04:27:04	Off	No	No	Yes	No
04:26:59	Off	No	No	Yes	No
04:26:54	Off	No	No	Yes	No
04:26:49	Off	No	No	Yes	No
04:26:44	Off	No	No	Yes	No
04:26:39	Off	No	No	No	No

DDEC® Reports - Diagnostic Records

#2

Print Date: 10/18/2017 15:56

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

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: [4374/0] - check of relation between pump speed and pressure: pump speed too high

Diag. Time: 9/16/2017 04:50:08 (EST)

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Boost Press (psi)	Oil Press (psi)	Fuel Press (psi)
04:50:08	0.0	0	0.0	0.0	0.0
04:50:03	0.0	0	0.0	0.0	0.0
04:49:58	0.0	0	0.0	0.0	0.0
04:49:53	0.0	0	0.0	0.0	0.0
04:49:48	0.0	0	0.0	0.0	0.0
04:49:43	0.0	0	0.0	0.0	0.0
04:49:38	0.0	0	0.0	0.0	0.0
04:49:33	0.0	0	0.0	0.0	0.0
04:49:28	0.0	0	0.0	0.0	0.0
04:49:23	0.0	0	0.0	0.0	0.0
04:49:18	0.0	0	0.0	0.0	0.0
04:49:13	0.0	0	0.0	0.0	0.0

Time	Coolant Temp (°F)	Oil Temp (°F)	Fuel Temp (°F)	Engine Load (%)	Throttle (% throttle)
04:50:08	-	-	-	0.0	0.0
04:50:03	-	-	-	0.0	0.0
04:49:58	-	-	-	0.0	0.0
04:49:53	-	-	-	0.0	0.0
04:49:48	-	-	-	0.0	0.0
04:49:43	-	-	-	0.0	0.0
04:49:38	-	-	-	0.0	0.0
04:49:33	-	-	-	0.0	0.0
04:49:28	-	-	-	0.0	0.0
04:49:23	-	-	-	0.0	0.0
04:49:18	-	-	-	0.0	0.0
04:49:13	-	-	-	0.0	0.0

Time	Eng. Brake (cylinders)	Cruise	Accel Switch	Brake Switch	Clutch Switch
04:50:08	Off	No	No	No	No
04:50:03	Off	No	No	No	No
04:49:58	Off	No	No	No	No
04:49:53	Off	No	No	No	No
04:49:48	Off	No	No	No	No
04:49:43	Off	No	No	No	No
04:49:38	Off	No	No	No	No
04:49:33	Off	No	No	No	No
04:49:28	Off	No	No	No	No
04:49:23	Off	No	No	No	No
04:49:18	Off	No	No	No	No
04:49:13	Off	No	No	No	No

DDEC® Reports - Diagnostic Records

#3

Print Date: 10/18/2017 15:56

DDC

Trip: 03/10/17 07:24:11 To 10/18/17 (EST)

Vehicle ID:

Driver ID:

Odometer: 184889.0 mi

Engine S/N: 471934S0279824

Trip Distance	34525.8 mi	Trip Time	1102:12:36
Trip Fuel	5451.72 gal	Fuel Consumption	4.95 gal/h
Fuel Economy	6.33 mpg	Idle Time	319:08:51
Avg Drive Load	43 %	Idle Percent	28.96 %
Avg Vehicle Speed	44.2 mph	Idle Fuel	529.47 gal
		Parked Regen Time	2:23:18

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: [3363/0] - DEF Tank Temperature - High

Diag. Time: 9/11/2017 10:17:31 (EST)

Time	Vehicle Speed (mph)	Engine Speed (rpm)	Boost Press (psi)	Oil Press (psi)	Fuel Press (psi)
10:17:31	0.0	0	0.0	4751.3	0.0
10:17:26	0.0	0	0.0	0.0	0.0
10:17:21	0.0	0	0.0	0.0	0.0
10:17:16	0.0	0	0.0	0.0	0.0
10:17:11	0.0	0	0.0	0.0	0.0
10:17:06	0.0	0	0.0	0.0	0.0
10:17:01	0.0	0	0.0	0.0	0.0
10:16:56	0.0	0	0.0	0.0	0.0
10:16:51	0.0	0	0.0	0.0	0.0
10:16:46	0.0	0	0.0	0.0	0.0
10:16:41	0.0	0	0.0	0.0	0.0
10:16:36	0.0	0	0.0	0.0	0.0

Time	Coolant Temp (°F)	Oil Temp (°F)	Fuel Temp (°F)	Engine Load (%)	Throttle (% throttle)
10:17:31	8813.8	32.0	8813.8	100.0	0.0
10:17:26	-	-	-	0.0	0.0
10:17:21	-	-	-	0.0	0.0
10:17:16	-	-	-	0.0	0.0
10:17:11	-	-	-	0.0	0.0
10:17:06	-	-	-	0.0	0.0
10:17:01	-	-	-	0.0	0.0
10:16:56	-	-	-	0.0	0.0
10:16:51	-	-	-	0.0	0.0
10:16:46	-	-	-	0.0	0.0
10:16:41	-	-	-	0.0	0.0
10:16:36	-	-	-	0.0	0.0

Time	Eng. Brake (cylinders)	Cruise	Accel Switch	Brake Switch	Clutch Switch
10:17:31	Off	No	No	No	No
10:17:26	Off	No	No	No	No
10:17:21	Off	No	No	No	No
10:17:16	Off	No	No	No	No
10:17:11	Off	No	No	No	No
10:17:06	Off	No	No	No	No
10:17:01	Off	No	No	No	No
10:16:56	Off	No	No	No	No
10:16:51	Off	No	No	No	No
10:16:46	Off	No	No	No	No
10:16:41	Off	No	No	No	No
10:16:36	Off	No	No	No	No