TELEMATICS:
--DATA DRIVEN--

1. **Remote Diagnostics**
2. **GPS Fleet Tracking**
3. **Idle Reduction**
4. **Fuel Consumption**
5. **MPG**
6. **Route Management**
7. **Driver Performance**
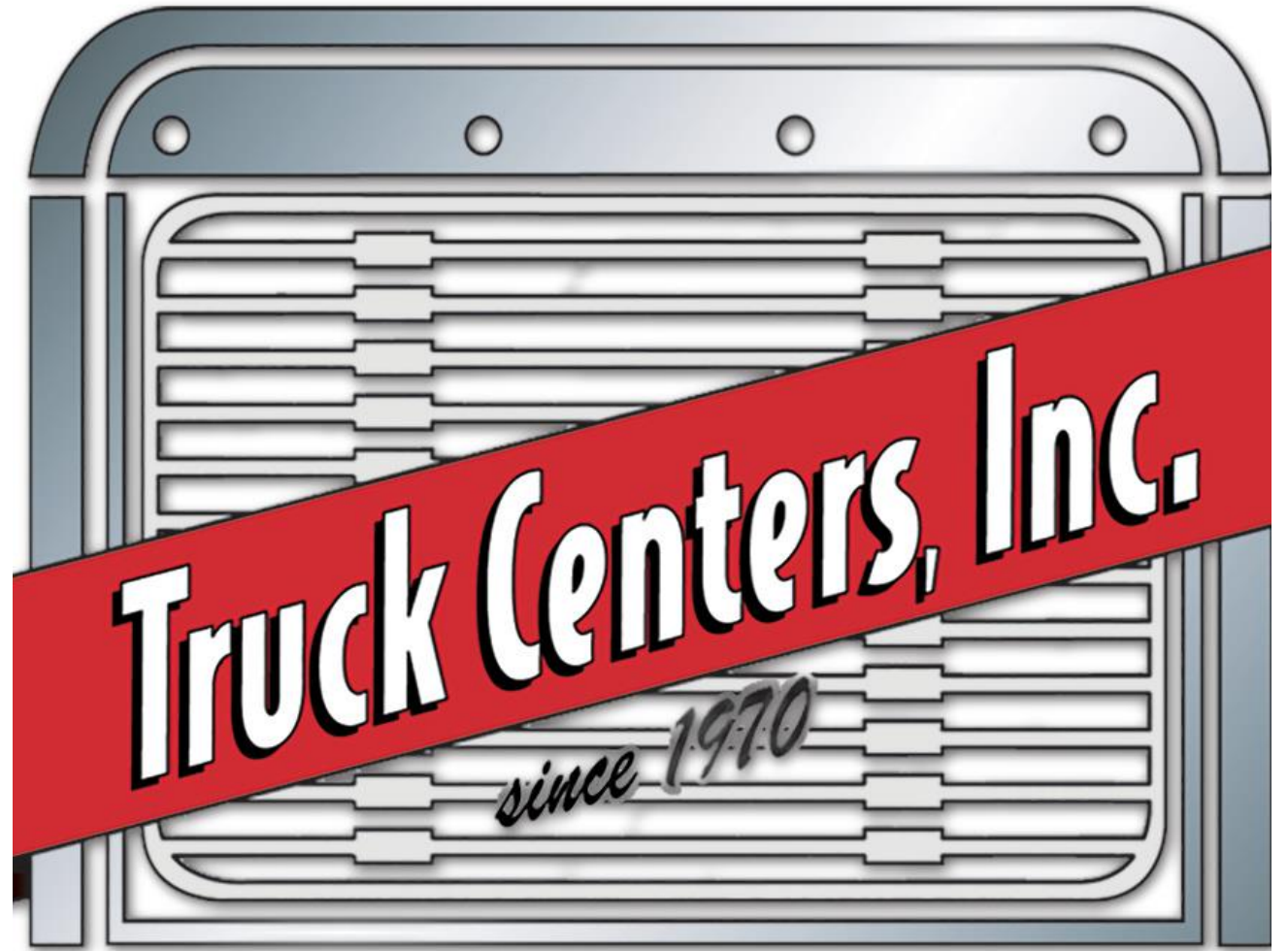
DDEC® Reports - Life-To-Date

Print Date: 1/26/2018 1:36 PM

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Trip: 05/30/17 19:11:40 To 01/26/18 (EST)
Vehicle ID:
Driver ID:
Odometer: 9616.3 mi
Engine S/N: 471928S0500939

Trip Distance	9616.3 mi	Trip Time	508:14:04
Trip Fuel	1774.63 gal	Fuel Consumption	3.49 gal/h
Fuel Economy	5.42 mpg	Idle Time	221:48:11
Avg Drive Load	39 %	Idle Percent	43.64 %
Avg Vehicle Speed	33.6 mph	Idle Fuel	184.63 gal
		Parked Regen Time	0:09:21

Total Distance	9616.3 mi	Avg. Drive Load	39 %
Total Time	508:14:04		
Total Fuel	1765.17 gal	**Optimized Idle Time**	
Overall Fuel Economy	5.45 mpg	Active Time	0:00:00
Avg Vehicle Speed	18.92 mph	Run Time	0:00:00
Idle Time	221:48:11		
Idle Percent	43.64 %	**Optimized Idle Battery Charging Starts**	
Idle Fuel	184.63 gal	Normal Count	0
		Alternate Count	0
Total MCM Time	507:54:11	Continuous Run	0
VSG(PTO) Total Time	0:00:00	**Fan On Time**	
VSG(PTO) Percent	0.00 %	Total Time	30:28:09
VSG(PTO) Total Fuel	0.00 gal	Engine System	0:30:29
VSG(PTO) Working Time	0:00:00	Manual	28:20:39
VSG(PTO) Working Fuel	0.00 gal	A/C	1:37:01
		DPF Fan Time	0:00:30
Cruise Percent	9.20 %	**Peak Road Speed**	71.5 mph
Cruise Time	26:21:56	Occurred 08/12/17 12:42 (EST)	
Eng. Brake Time	0:47:01	**Peak Engine RPM**	2031 rpm
Revolutions/mi	3182	Occurred 08/04/17 17:11 (EST)	
Average RPM	1003	Parked Regen Fuel	0.50 gal
		Driving Regen Fuel	9.20 gal
DPF Regeneration		Parked Regen Time	0:09:21
Parked Completed	1	**Diesel Exhaust Fluid (DEF)**	
Occurred 07/25/17 18:14 (EST)		Total Fluid	69.38 gal
Driving Completed	4	Total Percent	3.93 %
Occurred 01/07/18 21:19 (EST)		Total Economy	138.61 mpg
Predictive Cruise Control		Driving Fluid	66.88 gal
Time	0:00:00	Driving Economy	143.80 mpg
Percent	0.00 %		

Telematics Systems differ:

- **Virtual Technician** – Remote Diagnostics and critical events, reporting
- **Cummins Connected Advisor** – Engine health & performance, immediate action alerts, reporting
- **Verizon Fleetmatics** – GPS Fleet Tracking, reporting
- **Zonar** – Electronic log book management, reporting
- **JPro** – Vehicle tracking, material dispersal, diagnostics, reporting

IMPROVE FUEL ECONOMY:

Analytics provides you with expert analysis, detailing over a dozen factors that affect your fuel economy. You'll be able to identify the **specific behaviors**, trends and root causes of changes in fuel efficiency so you can address them quickly and correctly—for a single vehicle or across your fleet. It will even provide you with a **fuel economy score** for each vehicle based on its configuration as well as algorithms developed by experts—letting you know which vehicles are in most need of improvement.

IMPROVE SAFETY:

Analytics collects data from your truck's safety systems and converts it into an easy-to-understand format. Get a comprehensive overview of all safety events across your fleet or drill down even further to a particular vehicle or event. You'll also be able to view a ranked list of your vehicles and provide a safety score— weighted, based on your fleet's own safety priorities. On-board sensor readings are captured from **15 seconds before** a fault event occurred to **15 seconds after** specific events, letting you know what to focus on in order to improve a driver's behavior.

Analytics safety data can be viewed for a **single trip**, **single vehicle**, or your **entire fleet** over different periods of time. Analytics is accessible via a dedicated section of the Detroit Connect portal.

CONCLUSION:

✓ User friendly

✓ Uses existing hardware

✓ Onboard systems: wireless/cellular based

✓ Cloud based

✓ Mobile app enabled

✓ Extensive Support System

✓ The value of your peers

GREEN THAT FLEET!
How Telematics Helps Save Money and the Environment