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:** 1/24/2018 1:36 PM

**DOC**

- Trip Distance: 9416.3 mi
- Trip Fuel: 1774.63 gal
- Fuel Economy: 9.42 mpg
- Avg Drive Load: 39%
- Avg Vehicle Speed: 33.6 mph

**Total Distance:** 9416.3 mi
**Total Time:** 508:14:04
**Total Fuel:** 1755.17 gal
**Avg Fuel Economy:** 9.46 mpg
**Avg Vehicle Speed:** 18.92 mph
**Idle Time:** 221:48:23
**Idle Percent:** 43.48%
**Idle Fuel:** 172.268 gal

**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: 30:28:09
- Engine System: 3:29:30
- A/C: 3:37:01
- DPF Fan Time: 0:00:30

**Peak Road Speed:** 71.5 mph

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**Trip: 05/30/17 19:11:40 To 01/26/18 (EST)**

- Vehicle ID:
- Driver ID:
- Odometer: 9416.3 mi
- Engine S/N:

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**Trip Time:** 508:16:04
**Fuel Consumption:** 3.49 gal/h
**Idle Time:** 221:48:13
**Idle Percent:** 43.64%
**Idle Fuel:** 184.63 gal
**Parked Regen Time:** 0:09:21

**Avg. Drive Load:** 39%

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**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: 30:28:09
- Engine System: 3:29:30
- A/C: 3:37:01
- DPF Fan Time: 0:00:30

**Peak Road Speed:** 71.5 mph

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**Predictive Cruise Control**
- Time: 0:00:00
- 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