# Cat Electronic Technician 2023A v1.0
# Product Status Report

# 12/2/2025 1:29 PM

## Product Status Report

| Parameter | Value |
|---|---|
| Product ID | FMC00560 |
| Equipment ID | D8T |
| Comments | |

## Telematics Aftermarket Device (FMC00560)

| Parameter | Value |
|---|---|
| Product ID | FMC00560 |
| Machine Serial Number | |
| Equipment ID | |
| ECM Part Number | 6257860-04 |
| ECM Serial Number | 24092600G03K0061 |
| Software Group Part Number | 6499614-00 |
| Software Group Release Date | Feb2024 |
| Software Group Description | AM_TELEMATICS_2024_02_27 |
| Application Software Part Number | |

## Logged Diagnostic Codes [Total Operating Hours = 9704 hours] - Telematics Aftermarket Device (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes [Total Operating Hours = 9704 hours] - Telematics Aftermarket Device (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - Telematics Aftermarket Device (FMC00560)

| Code | Description |
|---|---|
| No Active Diagnostic Codes | |

## Active Event Codes - Telematics Aftermarket Device (FMC00560)

| Code | Description |
|---|---|

| No Active Events | |
|---|---|

## Current Totals - Telematics Aftermarket Device (FMC00560)

| Description | Value | Unit |
|---|---|---|
| Total Operating Hours | 9704.8 | hours |
| Total Distance | 0.00 | Miles |

## Configuration - Telematics Aftermarket Device (FMC00560)

| Description | Value | Unit |
|---|---|---|
| Product ID | FMC00560 | |
| Equipment ID | | |
| Machine Serial Number | | |
| Wi-Fi Device Factory Reset | Not Reset | |
| Security System Tamper Resistant Configuration | Not Installed | |
| Engine Running Switch Installation Status | Not Installed | |
| Left Track Link Wear Sensor Installation Status | Not Installed | |
| Right Track Link Wear Sensor Installation Status | Not Installed | |
| Left Track Link Wear Sensor MAC Address | FF:FF:FF:FF:FF:FF | |
| Right Track Link Wear Sensor MAC Address | FF:FF:FF:FF:FF:FF | |

## Implement D8T (FMC00560)

| Parameter | Value |
|---|---|
| Product ID | FMC00560 |
| Equipment ID | |
| ECM Part Number | 4559580-01 |
| ECM Serial Number | 31787968WC |
| Software Group Part Number | 5220155-00 |
| Software Group Release Date | JAN2017 |
| Software Group Description | D8T Implement |

## Logged Diagnostic Codes [Diagnostic Clock = 9704 hours] - Implement D8T (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes [Diagnostic Clock = 9704 hours] - Implement D8T (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - Implement D8T (FMC00560)

| Code | Description |
|---|---|
| No Active Diagnostic Codes | |

## Active Event Codes - Implement D8T (FMC00560)

| Code | Description |
|---|---|
| No Active Events | |

## Current Totals - Implement D8T (FMC00560)

| Description | Value | Unit |
|---|---|---|
| Total Hydraulic Oil High Temperature Time | 0.0 | hours |

## Configuration - Implement D8T (FMC00560)

| Description | Value | Unit |
|---|---|---|
| Equipment ID | | |
| Rear Attachment Installation Status | Not Installed | |
| Blade Installation Status | Single Tilt | |
| Blade Control Response Configuration | Standard | |
| Left Lift Cylinder Position Sensor Installation Status | Not Installed | |
| Right Lift Cylinder Position Sensor Installation Status | Not Installed | |
| GPS Ground Speed Sensor Installation Status | Not Installed | |
| Work Monitor Aggressiveness Adjustment | 0 | |
| Air Conditioning System Installation Status | Installed | |
| Automatic Ripper Control Installation Status | Not Installed | |
| Automatic Ripper Control Temporary Installation Status | Not Installed | |
| Automatic Ripper Control Temporary Installation Time Remaining | 6000 | min |
| AccuGrade System Installation Status | Installed | |
| AutoCarry Installation Status | Not Installed | |
| AutoCarry Temporary Installation Status | Not Installed | |
| AutoCarry Time Remaining | 100 hours  00 min | |
| Grade Control System Installation Status | Not Installed | |
| Grade Control System Temporary Installation Status | Not Installed | |
| Grade Control System Temporary Installation Time Remaining | 6000 | min |
| Machine Pitch Calibration Offset | 0.000 | Deg |
| Machine Roll Calibration Offset | 0.000 | Deg |
| Machine Yaw Calibration Offset | 0.000 | Deg |
| Total Tattletale | 0 | |

## Graphical Display D8T (FMC00560)

| Parameter | Value |
|---|---|
| Product ID | FMC00560 |
| ECM Part Number | 4415131-01 |
| ECM Serial Number | 2125G002UU |
| Software Group Part Number | 5692640-00 |

| | |
|---|---|
| Software Group Release Date | JUN2019 |
| Software Group Description | LTTT_Information Display |

## Logged Diagnostic Codes - Graphical Display D8T (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes - Graphical Display D8T (FMC00560)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - Graphical Display D8T (FMC00560)

| Code | Description |
|---|---|
| No Active Diagnostic Codes | |

## Active Event Codes - Graphical Display D8T (FMC00560)

| Code | Description |
|---|---|
| No Active Events | |

## Configuration - Graphical Display D8T (FMC00560)

| Description | Value | Unit |
|---|---|---|
| Information Units Status | English | |
| Service Mode Enable Code | 1234 | |
| Display Language Status | English | |

## Powertrain D8T (B2500649)

| Parameter | Value |
|---|---|
| Product ID | FMC00560 |
| Equipment ID | D8T |
| ECM Part Number | 3656773-04 |
| ECM Serial Number | 25259143VD |
| Software Group Part Number | 5588642-00 |
| Software Group Release Date | JUN2019 |
| Software Group Description | D8T Powertrain |

## Logged Diagnostic Codes - Powertrain D8T (B2500649)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes - Powertrain D8T (B2500649)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - Powertrain D8T (B2500649)

| Code | Description |
|------|-------------|
| No Active Diagnostic Codes | |

## Active Event Codes - Powertrain D8T (B2500649)

| Code | Description |
|------|-------------|
| No Active Events | |

## Current Totals - Powertrain D8T (B2500649)

| Description | Value | Unit |
|-------------|-------|------|
| Total Distance | 20905.78 | Miles |
| Total Forward Distance | 11851.41 | Miles |
| Total Reverse Distance | 8975.64 | Miles |
| Total Neutral Gear Operating Hours | 2018 | hours |
| Total Distance Coasting In Neutral | 78.7 | Miles |
| Total Hours Coasting In Neutral | 76 | hours |
| Total First Forward Gear Operating Hours | 766 | hours |
| Total Second Forward Gear Operating Hours | 4050 | hours |
| Total Third Forward Gear Operating Hours | 159 | hours |
| Total First Reverse Gear Operating Hours | 401 | hours |
| Total Second Reverse Gear Operating Hours | 2206 | hours |
| Total Third Reverse Gear Operating Hours | 22 | hours |
| Total Powertrain Oil Filter Bypass Hours | 0.00 | hours |
| Total Powertrain Oil Filter Bypass Active Warning Hours | 0 | hours |

## Configuration - Powertrain D8T (B2500649)

| Description | Value | Unit |
|-------------|-------|------|
| Product ID | FMC00560 | |
| Equipment ID | D8T | |
| Transmission Serial Number | B2500649 | |
| Maximum Forward Track Speed Range Limit | 3.0 | |
| Maximum Reverse Track Speed Range Limit | 3.0 | |
| Enhanced Autoshift Enable Status | Enabled | |
| Transmission Auto/Manual Mode Default Configuration | Manual | |
| Lighting Shutdown Timer Duration | 10 | min |
| Transmission Calibration Selected Clutch | 0 | |

| | | |
|---|---|---|
| Operator Seat Belt Unfastened While Machine is Not Idle Event Enable Status | Enabled | |
| Cylinder Long Range Lights Installation Status | Installed | |
| Cylinder Lights Installation Status | Installed | |
| Fuel Tank Lights Installation Status | Installed | |
| Roll Over Protection System (ROPS) Forward Lights Installation Status | Installed | |
| Roll Over Protection System (ROPS) Rearward Lights Installation Status | Installed | |
| Ripper Light Installation Status | Installed | |
| Sound Reduction Mode Enable Status | Disabled | |
| Noise Regulation Configuration | None | |
| Engine Fan Reversing Feature Installation Status | Not Installed | |
| Remote Control System Installation Status | Not Installed | |
| Remote Control System Temporary Installation Status | Not Installed | |
| Remote Control System Temporary Installation Time Remaining | 2400 | min |
| Total Tattletale | 2 | |

## Engine #1 Aftertreatment Controller

| Parameter | Value | |
|---|---|---|
| Equipment ID | FMC00560 | |
| Engine Serial Number | ENG01309 | |
| ECM Serial Number | 27557364QU | |
| Software Group Part Number | 5674700-00 | |
| Software Group Release Date | JUL18 | |
| Software Group Description | AFT_T4F_C15_HWA_A5E2V1 | |

## Logged Diagnostic Codes [Diagnostic Clock = 9704 hours] - Engine #1 Aftertreatment Controller

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes [Diagnostic Clock = 9704 hours] - Engine #1 Aftertreatment Controller

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - Engine #1 Aftertreatment Controller

| Code | Description |
|---|---|
| No Active Diagnostic Codes | |

## Active Event Codes - Engine #1 Aftertreatment Controller

| Code | Description |
|---|---|
| No Active Events | |

## Current Totals - Engine #1 Aftertreatment Controller

| Description | Value | Unit |
|---|---|---|
| DPF #1 Last Ash Service Engine Lifetime Hours | 6869.3 | hours |
| Total ARD Fuel | 2359.288 | gal |
| Aftertreatment #1 Total DEF Used | 1797.4 | gal |
| Exhaust Particulate Control System Diagnostic Time | 0 | sec |
| Exhaust Particulate Control System Diagnostic Count | 0 | |

## Configuration - Engine #1 Aftertreatment Controller

| Description | Value | Unit |
|---|---|---|
| Equipment ID | FMC00560 | |
| Engine Serial Number | ENG01309 | |
| ECM Serial Number | 27557364QU | |
| Software Group Part Number | 5674700-00 | |
| Software Group Release Date | JUL18 | |
| Software Group Description | AFT_T4F_C15_HWA_A5E2V1 | |
| ARD Auto Regeneration Enable Status | Enabled | |
| Factory Installed Aftertreatment #1 Identification Number | CBD103446A | |
| ARD Fuel Pressure #2 System Installation Status | Installed | |

## Hour Meter

| Parameter | Value |
|---|---|
| ECM Part Number | 3637544-00 |
| ECM Serial Number | 1625D017MY |
| Software Group Part Number | 4614234-00 |
| Software Group Release Date | JUN2014 |
| Software Group Description | Hour Meter |

## Diesel Exhaust Fluid Controller #1

| Parameter | Value |
|---|---|
| Aftertreatment #1 DEF Dosing System Serial Number | PET043245T |
| Application Software Part Number | 5393577-00 |

## Configuration - Diesel Exhaust Fluid Controller #1

| Description | Value | Unit |
|---|---|---|
| Aftertreatment #1 DEF Dosing System Serial Number | PET043245T | |
| Application Software Part Number | 5393577-00 | |

## Indication Display

| Parameter | Value |
|---|---|
| ECM Part Number | 3861366-02 |
| ECM Serial Number | 2745D059DT |

| Software Group Part Number | 4798936-00 |
|---|---|
| Software Group Release Date | OCT2015 |
| Software Group Description | Indication Display |

## C15 D8T (ENG01309)

| Parameter | Value |
|---|---|
| Equipment ID | FMC00560 |
| Engine Serial Number | ENG01309 |
| ECM Part Number | 4176013-00 |
| ECM Serial Number | 16256155QM |
| Software Group Part Number | 5674698-00 |
| Software Group Release Date | SEP18 |
| Software Group Description | TTT-D8T |
| Operator Inducement Regulation Configuration | Worldwide |

## Logged Diagnostic Codes [Diagnostic Clock = 9704 hours] - C15 D8T (ENG01309)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Diagnostic Codes | | | | |

## Logged Event Codes [Diagnostic Clock = 9704 hours] - C15 D8T (ENG01309)

| Code | Description | Occ. | First | Last |
|---|---|---|---|---|
| No Logged Event Codes | | | | |

## Active Diagnostic Codes - C15 D8T (ENG01309)

| Code | Description |
|---|---|
| No Active Diagnostic Codes | |

## Active Event Codes - C15 D8T (ENG01309)

| Code | Description |
|---|---|
| No Active Events | |
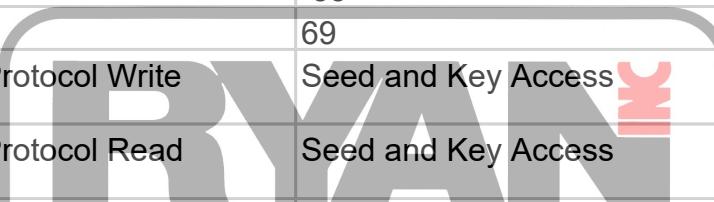
## Current Totals - C15 D8T (ENG01309)

| Description | Value | Unit |
|---|---|---|
| Total Idle Time | 1922:54 | hours |
| Total Fuel | 96765 | gal |
| Total Engine #1 Fuel | 94405 | gal |
| Total Idle Fuel | 3315 | gal |
| Total Max Fuel | 191796 | gal |
| Engine Lifetime Hours | 9701.2 | hours |
| Average Load Factor | 49 | % |
| Engine Starts | 3754 | |
| Lifetime Total Engine Revolutions | 918924232 | rev |
| Total Operating Hours | 9705 | hours |

| Description | Value | Unit |
|---|---|---|
| Operator Inducement Emergency Override Total Activations | 0 | |
| Operator Inducement Emergency Override Total Resets | 0 | |
| Total Engine Idle Shutdown Count | 0 | |
| Total Engine Idle Shutdown Overrides Count | 0 | |
| Total Delayed Engine Shutdown Count | 2480 | |
| Total Delayed Engine Shutdown Overrides Count | 247 | |
| Starts/Hour | 0.39 | |
| Average RPM | 1578.72 | rpm |
| Percentage Idle Time | 19.81 | % |
| Average Fuel Rate | 9.97 | gal/h |
| Overall Load Factor | 50 | % |
| SCR Operator Inducement Emergency Override Total Activation Time | 0 | sec |

## Configuration - C15 D8T (ENG01309)

| Description | Value | Unit |
|---|---|---|
| Equipment ID | FMC00560 | |
| Engine Serial Number | ENG01309 | |
| ECM Part Number | 4176013-00 | |
| ECM Serial Number | 16256155QM | |
| Software Group Part Number | 5674698-00 | |
| Software Group Release Date | SEP18 | |
| Software Group Description | TTT-D8T | |
| Rating Number | 1 | |
| Rated Power | 314 hp at 2000 rpm | |
| Rated Peak Torque | 1438 lb-ft at 1300 rpm | |
| Low Idle Speed | 700 | rpm |
| High Idle Speed | 2200 | rpm |
| Ether Solenoid Configuration | Continuous Flow Solenoid | |
| Crankcase Pressure Sensor Installation Status | Not Installed | |
| Ambient Air Temperature Sensor Installation Status | Not Installed | |
| Fuel/Water Separator Switch Installation Status | Not Installed | |
| Engine Idle Shutdown Enable Status | Disabled | |
| Engine Idle Shutdown Delay Time | 5.0 | min |
| Delayed Engine Shutdown Enable Status | Enabled | |
| Delayed Engine Shutdown Maximum Time | 15.0 | min |
| Engine Fan Type Configuration | Variable Hydraulic | |
| Engine Cooling Fan Bypass System Installation Status | Not Installed | |

| | | |
|---|---|---|
| Engine Fan Purge Cycle Duration | 25.0 | sec |
| Engine Fan Purge Cycle Interval | 1200 | sec |
| Engine Fan Reverse Operation Early Termination Enable Status | Enabled | |
| ARD Manual Disable Status | Not Disabled | |
| Operator Inducement Progress Configuration | Reduced Performance | |
| Operator Inducement Regulation Configuration | Worldwide | |
| Operator Inducement Emergency Override Enable Status | Disabled | |
| Operator Inducement Emergency Override Activation | Not Activated | |
| Operator Final Inducement Action | Shutdown | |
| Delayed Engine Shutdown Aftertreatment Gas Temperature Threshold | 518.0 | Deg F |
| Aftertreatment #1 DEF Quality Sensor Installation Status | Not Installed | |
| DPF Type | Type 1 | |
| Maximum Deceleration Pedal Position Engine Speed | 1000.0 | rpm |
| FLS | -55 | |
| FTS | 69 | |
| CAN Communication Protocol Write Security | Seed and Key Access | |
| CAN Communication Protocol Read Security | Seed and Key Access | |
| Total Tattletale | 21 | |

## Injector Trim Calibration - C15 D8T (ENG01309)

| Injector | Serial Number | File Version |
|---|---|---|
| Injector1 | 00000000C60612875543 | 9 |
| Injector2 | 00000000C6061291094D | 9 |
| Injector3 | 00000000C60612913875 | 9 |
| Injector4 | 00000000C6061294811D | 9 |
| Injector5 | 00000000C60612910660 | 9 |
| Injector6 | 00000000C606129478E1 | 9 |

## Monitoring System - C15 D8T (ENG01309)

| Description | State | Trip Point | Delay Time |
|---|---|---|---|
| Engine Overspeed | | | |
| Least Severe (1) | Always On | 2600 rpm | 0 sec |
| Most Severe (3) | Always On | 3000 rpm | 0 sec |
| High Air Inlet #1 Differential Pressure | | | |
| Least Severe (1) | Always On | 0.9 psi | 0 sec |
| Moderate Severity (2) | Always On | 0.9 psi | 0 sec |
| High Engine Coolant Temperature | | | |
| Least Severe (1) | Always On | 228 Deg F | 10 sec |
| Moderate Severity (2) | Always On | 234 Deg F | 20 sec |

| | | | |
|---|---|---|---|
| Most Severe (3) | Always On | 241 Deg F | 10 sec |
| **High Fuel Temperature** | | | |
| Moderate Severity (2) | Always On | 174.2 Deg F | 30 sec |
| **High Fuel/Water Separator Water Level** | | | |
| Least Severe (1) | Always On | None | 40 sec |
| Moderate Severity (2) | Always On | None | 3600 sec |
| **High Intake Manifold Air Temperature** | | | |
| Least Severe (1) | Always On | 239.0 Deg F | 4 sec |
| Moderate Severity (2) | Always On | 248.0 Deg F | 4 sec |
| **Low Engine Coolant Pressure** | | | |
| Moderate Severity (2) | Always On | None | 5 sec |
| Most Severe (3) | Always On | None | 5 sec |
| **Low Engine Oil Pressure** | | | |
| Least Severe (1) | Always On | None | 8 sec |
| Most Severe (3) | Always On | None | 4 sec |