

DIAGNOSTIC REPORT

VIN: 1FVACWFCXKHKS6779

Model Year: 2019

Manufacturer: Freightliner

| COMPONENT | FAULT CODES | 24 TOTAL / 0 ACTIVE / 24 INACTIVE |
|-----------|-------------|-----------------------------------|
|-----------|-------------|-----------------------------------|

ENGINE #1 - J1939

ACTIVE FAULT CODES (0)

Vehicle Make: Cummins

None

ECM Serial Number: 74402511

ECM Model: 6B u17D0670000000

INACTIVE FAULT CODES (0)

VIN: 1FVACWFCXKHKS6779

None

BRAKES - SYSTEM

ACTIVE FAULT CODES (0)

Vehicle Make: N/A

None

ECM Serial Number: N/A

ECM Model: N/A

INACTIVE FAULT CODES (0)

VIN: N/A

None

TRANSMISSION #1 - J1939

ACTIVE FAULT CODES (0)

Vehicle Make: N/A

None

ECM Serial Number: N/A

ECM Model: N/A

INACTIVE FAULT CODES (0)

VIN: N/A

None

CHASSIS CONTROLLER #1 -

ACTIVE FAULT CODES (0)

ECM Serial Number:

None

ECM Model:

INACTIVE FAULT CODES (0)

None

BODY CONTROLLER - J1939

ACTIVE FAULT CODES (0)

ECM Serial Number:

None

ECM Model:

INACTIVE FAULT CODES (24)

Fault Description: Undefined

SPN 598

FMI Description: Mechanical System not Responding or out of Adjustment

FMI: 7

Count: 73

Fault Description: Undefined

SPN 524278

FMI Description: Mechanical System not Responding or out of Adjustment

FMI: 7

Count: 1

Fault Description: Vehicle Speed

SPN 84

FMI Description: Received Network Data in Error

FMI: 19

Count: 1

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| | Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 60 | SPN 524248 FMI: 7 |
| | Fault Description: Undefined FMI Description: Received Network Data in Error Count: 9 | SPN 524279 FMI: 19 |
| | Fault Description: Undefined FMI Description: Received Network Data in Error Count: 7 | SPN 524256 FMI: 19 |
| | Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 16 | SPN 524255 FMI: 7 |
| | Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 28 | SPN 6385 FMI: 5 |
| | Fault Description: Undefined FMI Description: Voltage below Normal, or Shorted to low Source Count: 3 | SPN 524270 FMI: 4 |
| | Fault Description: Undefined FMI Description: Voltage below Normal, or Shorted to low Source Count: 3 | SPN 524258 FMI: 4 |
| | Fault Description: Undefined FMI Description: Received Network Data in Error Count: 1 | SPN 2003 FMI: 19 |
| | Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 126 | SPN 1550 FMI: 5 |
| | Fault Description: High-Low Beam Switch FMI Description: Received Network Data in Error Count: 6 | SPN 2874 FMI: 19 |
| | Fault Description: Windshield Wiper Motor ON/OFF FMI Description: Mechanical System not Responding or out of Adjustment Count: 9 | SPN 2636 FMI: 7 |

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| | | |
|--|--|---------------------|
| | Fault Description: Turn Signal Switch FMI Description: Received Network Data in Error Count: 6 | SPN 2876 FMI: 19 |
| | Fault Description: Front Operator Washer Switch FMI Description: Received Network Data in Error Count: 4 | SPN 2866 FMI: 19 |
| | Fault Description: Front Operator Wiper Switch FMI Description: Received Network Data in Error Count: 4 | SPN 2863 FMI: 19 |
| | Fault Description: Undefined FMI Description: Received Network Data in Error Count: 45 | SPN 2071 FMI: 19 |
| | Fault Description: Back up Light and Alarm Horn FMI Description: Current below Normal or Open Circuit Count: 1 | SPN 2392 FMI: 5 |
| | Fault Description: Headlamp low Beam Right #1 FMI Description: Current below Normal or Open Circuit Count: 14 | SPN 2655 FMI: 5 |
| | Fault Description: Horn FMI Description: Current below Normal or Open Circuit Count: 3 | SPN 2641 FMI: 5 |
| | Fault Description: Windshield Wiper Motor Speed FMI Description: Current below Normal or Open Circuit Count: 1 | SPN 2637 FMI: 5 |
| | Fault Description: Cab Dome Light 2 FMI Description: Current below Normal or Open Circuit Count: 2 | SPN 3977 FMI: 5 |
| | Fault Description: Headlamp 2 High Beam FMI Description: Current below Normal or Open Circuit Count: 4 | SPN 4012 FMI: 5 |

RETARDER, EXHAUST,

ACTIVE FAULT CODES (0)

ECM Serial Number:

None

ECM Model:

INACTIVE FAULT CODES (0)

None

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COMPONENT FAULT CODES 24 TOTAL / 0 ACTIVE / 24 INACTIVE

COMMUNICATIONS UNIT, ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

OFF VEHICLE GATEWAY - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

INSTRUMENT CLUSTER #1 - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

PARAMETERS

ENGINE #1 - J1939

| | | | |
|-----------------------------------|------------------|--|----------------|
| Rated Horsepower | 220 BHP | Engine Rated RPM | Not Available |
| MIL Status | Off | Fuel Level | Not Available |
| Battery Voltage | 14.10 V | Ignition Voltage | Not Available |
| Engine RPM | 748 RPM | Vehicle Speed | 0 mph |
| Throttle Position | 0 % | Brake Switch | N/A |
| Clutch Switch | N/A | Engine Operating State | Engine Stopped |
| Engine Intake Air Temperature | Not Available | Engine Intake Air Pressure | Not Available |
| Barometric Pressure | 14.36 psi | Coolant Level | 100 % |
| Coolant Temperature | 62.6 °F | Oil Level | Not Available |
| Oil Temperature | Not Available | Oil Pressure | 43.5 psi |
| DPF Status | Regen not Needed | Regen Status | N/A |
| DPF Active Regen Inhibited Status | Inhibited | DPF Active Regen Inhibited Due to Inhibit Switch | Not Inhibited |
| DPF Regen Inhibit Switch | N/A | DPF Regen Force Switch | N/A |
| Exhaust Temperature 1 | 158.2 °F | Exhaust Temperature 2 | Not Available |
| Exhaust Temperature 3 | Not Available | DPF Intake Temperature | 98.2 °F |
| DPF Outlet Temperature | 91.7 °F | DPF Differential Pressure | 0 psi |

BRAKES - SYSTEM CONTROLLER - J1939

| | | | |
|------------------|-----|--------------------|-----|
| Battery Voltage | N/A | Ignition Voltage | N/A |
| Vehicle Speed | N/A | Brake Switch | N/A |
| Primary Pressure | N/A | Secondary Pressure | N/A |

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TRANSMISSION #1 - J1939

| | | | |
|-------------------|---------------|--------------------|-------|
| Battery Voltage | N/A | Ignition Voltage | N/A |
| Input Shaft Speed | 686 RPM | Output Shaft Speed | 0 RPM |
| Oil Level | Not Available | Oil Life Remaining | N/A |
| Oil Temperature | 53.3 °F | Service Indicator | N/A |
| Range Selected | N/A | Range Attained | N/A |

LIFE DATA

ENGINE #1 - J1939

| | | | |
|--------------------------------------|---------------|-----------------------------------|---------------|
| Distance | 59406.36 mi | Hours | 6189.40 hr |
| Fuel Used | 9150.9 gal | Average Fuel Economy | N/A |
| Engine Idle Hours | 4523.80 hr | Engine Idle Fuel Used | 2650.8 gal |
| PTO Hours | 14.05 hr | PTO Fuel Used | 11.6 gal |
| DPF Number of Inhibited Active Regen | Not Available | DPF Number of Manual Active Regen | Not Available |
| DPF Fuel Used | 64.2 gal | | |

TRIP DATA

ENGINE #1 - J1939

| | | | |
|-----------------------------|-------------|----------------------------|------------|
| Distance | 59406.73 mi | Fuel Used | 9117.4 gal |
| Average Fuel Rate | 1.48 gal/hr | Idle Time | N/A |
| Vehicle Idle Fuel Used | 2650.8 gal | Cruise | N/A |
| Cruise Fuel Used | 114.0 gal | DPF Active Regen Time | N/A |
| DPF Number of Active Regens | N/A | DPF Used | N/A |
| Vehicle Speed Limit | 75 mph | Cruise Control Speed Limit | 75 mph |