

**rb RITCHIE BROS. Diagnostic Report**  
Auctioneers™

## 2019 Freightliner Cascadia

### Test Information

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Engine</b>        | Detroit Diesel DD15 (14.8)        |
| <b>Engine Serial</b> | DTDSC*472N16*472910S0601885       |
| <b>VIN</b>           | <a href="#">3AKJHHDR4KSKM9632</a> |
| <b>Driveline</b>     | Class 8 6x4                       |
| <b>Body</b>          | Truck-Tractor                     |
| <b>Test Time</b>     | July 28, 2026, 10:43 a.m.         |
| <b>File Length</b>   | 47.632 s                          |
| <b>Test Time</b>     | July 28, 2026, 10:41 a.m.         |
| <b>File Length</b>   | 17.646 s                          |

### Usage

| Label                                                        | Value    | Units |
|--------------------------------------------------------------|----------|-------|
| Engine Odometer                                              | 869,593  | mi    |
| Engine Total Hours of Operation                              | 21,705.3 | h     |
| Aftertreatment 1 Diesel Particulate Filter Soot Load Percent | 250      | %     |

### Engine On/Off

Engine running

### Check Engine Light

- MIL - Emissions malfunction
- Protect Lamp - Non-electric problem
- ▼ Amber Warning Lamp - Warning, but OK to drive
- Red Stop Lamp - Stop vehicle

### Emissions Deleted/Tampered

Yes

## Faults

| <b>DM</b>        | <b>Controller Name</b>     | <b>SPN Name</b>                   | <b>FMI Name</b>                            | <b>Count</b> |
|------------------|----------------------------|-----------------------------------|--------------------------------------------|--------------|
| Active           | Engine #1                  | Engine Coolant Level 1            | Low-most severe                            | 4            |
| Active           | Engine #1                  | Engine Coolant Level 1            | Low-most severe                            | 4            |
| Active           | Engine #1                  | Battery Potential / Power Input   | Low-most severe                            | 3            |
| Active           | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |
| Active           | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |
| Active           | Engine #2                  | Battery Potential / Power Input   | Low-most severe                            | 2            |
| Active           | Brakes - System Controller | Wheel Sensor ABS Axle 3 Left      | Current Below Normal                       | 67           |
| Active           | Brakes - System Controller | Wheel Sensor ABS Axle 3 Left      | Current Below Normal                       | 67           |
| Active           | Cruise Control             | Unknown                           | Abnormal Frequency, Pulse Width, or Period | 9            |
| Active           | Body Controller            | Manufacturer Assignable SPN       | Condition Exists                           | 6            |
| Active           | Body Controller            | Manufacturer Assignable SPN       | Condition Exists                           | 6            |
| Active           | Off Vehicle Gateway        | Battery Potential / Power Input   | Voltage Below Normal                       | 3            |
| Active           | Headway Controller         | Manufacturer Assignable SPN       | Abnormal Update Rate                       | 1            |
| Active           | Headway Controller         | Manufacturer Assignable SPN       | Abnormal Update Rate                       | 1            |
| Active           | Proprietary                | Manufacturer Assignable SPN       | Condition Exists                           | 1            |
| Active           | Proprietary                | Manufacturer Assignable SPN       | Condition Exists                           | 1            |
| Active           | Proprietary                | Manufacturer Assignable SPN       | Current Below Normal                       | 15           |
| Active           | Proprietary                | Manufacturer Assignable SPN       | Current Below Normal                       | 15           |
| Previous         | Engine #1                  | Battery Potential / Power Input   | Low-most severe                            | 3            |
| Previous         | Engine #1                  | Manufacturer Assignable SPN       | Special Instruction                        | 1            |
| Previous         | Engine #1                  | Manufacturer Assignable SPN       | Failure                                    | 2            |
| Previous         | Engine #1                  | Manufacturer Assignable SPN       | Failure                                    | 1            |
| Previous         | Engine #2                  | Battery Potential / Power Input   | Low-most severe                            | 1            |
| Previous         | Engine #2                  | Key Switch Battery Potential      | Erratic, Intermittent, or Incorrect        | 1            |
| Previous         | Engine #2                  | Battery Potential / Power Input   | Low-most severe                            | 2            |
| Previous         | Engine #2                  | Key Switch Battery Potential      | Erratic, Intermittent, or Incorrect        | 2            |
| Emissions Active | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |
| Emissions Active | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |
| Permanent        | Engine #2                  | Aftertreatment 1 SCR Intake NOx 1 | Data Drifted High                          | 33           |
| Permanent        | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |
| Permanent        | Engine #2                  | Aftertreatment 1 SCR Intake NOx 1 | Data Drifted High                          | 33           |
| Permanent        | Engine #2                  | Engine Position Sensor            | Voltage Above Normal                       | 2            |