



Technical Service Bulletin

Technical Service Bulletin: TSB200110	Released Date: 13-May-2020
Lubricating Oil Consumption in Low Load and High Idle Application	

Lubricating Oil Consumption in Low Load and High Idle Application

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

Engines:

- L9N CM2380 L124B
- L9N CM2380 L130B
- ISL G CM2180 (**Only** engines equipped with steel pistons)

Application:

- Transit bus 280 hp

Issue

Engines operating in a low load and high idle duty cycle may experience elevated lubricating oil consumption and/or fault codes associated with high EGR temperature. Review of returned parts has yielded no physical damage or dimensional issues. Furthermore, replacing power cylinders or overhauling with new parts, without any change in duty cycle, has shown no long-term improvement in lubricating oil consumption.

Root Cause

- Under investigation.

Verification

- Confirm that any of the following fault codes are present:
 - High EGR Temperature Fault Codes:
 - 2961: Exhaust Gas Recirculation Temperature - Data Valid But Above Normal Operating Range - Least Severe Level

- 2962: Exhaust Gas Recirculation Temperature - Data Valid But Above Normal Operating Range - Moderately Severe Level
- Verify oil consumption is greater than the amount outlined in “Lubricating Oil Consumption and Acceptable Limits”, Service Bulletin 3379214
- Verify the EGR cooler is fouled or plugged

Resolution

- Reduce idle time as much as possible.
- If the EGR cooler is fouled or plugged clean the EGR cooler as described in Service Procedure 011-019 EGR Cooler in Section 11.

Service Instructions

- Follow Clean and Inspect for Reuse section in 011-019 EGR Cooler in Section 11 of the Service Manual.
- Use a degreaser in place of safety solvent, and soak for an additional 30 minutes to an hour total.
- Steam clean EGR cooler and reuse.

Publications Affected

Table 1, Products Affected			
Manual Type	Engine	Bulletin Number	Fault Code / Symptom
Fault Code Troubleshooting Manual	L9N CM2380 L124B	5467495	2961, 2962
Fault Code Troubleshooting Manual	L9N CM2380 L124B	5467495	Lubricating Oil Consumption
Fault Code Troubleshooting Manual	L9N CM2380 L130B	5613179	2961, 2962
Fault Code Troubleshooting Manual	L9N CM2380 L130B	5613179	Lubricating Oil Consumption
Fault Code Troubleshooting Manual	ISL G CM2180	4021658	2961, 2962
Fault Code Troubleshooting Manual	ISL G CM2180	4021658	Lubricating Oil Consumption

Document History

Date	Details
2020-5-12	Module Created

Last Modified: 13-May-2020
