

 Preview Solution CBR-170-8

## Inactive Code P25AE00 Being Generated After A Hard Pull And A Momentary Drop In Engine Oil Pressure (Low Oil Pressure) (Possible Related Codes - SPN 4811 , SPN 100 , PID 100)

Published 28 May 2025

### Valid For

Mack Chassis - AN,GR,GULR,TD,LEU,CHU,PI,CXU

Volvo Chassis - VN,VAH,VHD

Modl Years - 2007 to current

### Engine Oil Temperature Sensor Evaluation and Diagnostic Procedure

#### 1. Verification of Sensor Accuracy

If no other related faults are logged, verify the Engine Oil Temperature using an external heat gun. Compare the measured temperature to the sensor values displayed in *Sensor Monitoring* within *Guided Diagnostics*.

- **Acceptable variance:**  $\pm 5^{\circ}\text{F}$  between the external measurement and sensor reading.

#### 2. Sensor Fault Determination

After completing all diagnostic steps:

- If the Engine Oil Temperature Sensor is confirmed to be **faulty**, replace the sensor and verify that the issue has been resolved.
- If the sensor is found to be **functioning correctly** and accurately reporting temperature data:
  - Contact **Technical Support Services**.
  - Initiate a **support case** and document all active/inactive fault codes, as well as all diagnostic steps and results completed to date.



## Related links and attachments

No links or attachments available



### Feedback

[Give feedback](#)

to help improve the content of this article