

Engine Condition Overview

Parameter	Value
Engine RPM	1236.8872125364842
Lub Oil Pressure	1.0402 bar
Fuel Pressure	3.1144 bar
Coolant Pressure	3.9179 bar
Lub Oil Temperature	118.7446 °C
Coolant Temperature	103.2206 °C
Temperature Difference	29.6959 °C

Prediction Result

Result: Normal

Confidence: 0.86

Key Insights:

Here is an analysis of the provided engine sensor data:

Overview

The engine is operating normally, as the values of all parameters are within the standard range, except for the coolant temperature which is slightly elevated but still within the normal threshold.

Potential Issues

The slightly elevated coolant temperature could be attributed to a minor leak in the cooling system, or possibly a cooling fan mechanism that may require cleaning or an oil change to improve

lubrication and ensure optimal functioning.

Maintenance Suggestions

- Implement an oil change to alleviate possible coolant temperature discrepancies, and to improve lubrication performance.
- Conduct a full system inspection to address any potential causes of the slightly elevated coolant temperature.

Final Recommendation

With a confidence score of 0.8648256206821459, the overall status is normal, however, considering the slightly elevated coolant temperature, it is recommended that you proceed with an oil change as soon as possible and perform a comprehensive inspection of the cooling system to address any potential issues and minimize any future engine performance disruptions.