



WÄRTSILÄ HEALTH CHECK FOR TWO-STROKE MAIN ENGINES – GET A CLEAR PICTURE OF YOUR EQUIPMENT’S CONDITION

Managing the operational risks of main engines is crucial to maintaining competitiveness in the shipping market. The Wärtsilä Health check for two-stroke main engines provides a clear picture of the engine’s condition and reveals the implications for reliability, fuel consumption and lubrication oil consumption.

Know your operational risks

There are certain risks involved in delivering cargo on time. Understanding the real operational risks related to main engine operation enables you to make decisions and take appropriate actions. The Wärtsilä Health check for two-stroke main engines is a comprehensive assessment of the engine’s condition that is performed during a normal port stay. A detailed evaluation report enables the vessel manager to take appropriate actions to improve the reliability and availability of the main engine. The health check includes detailed evaluation and classification

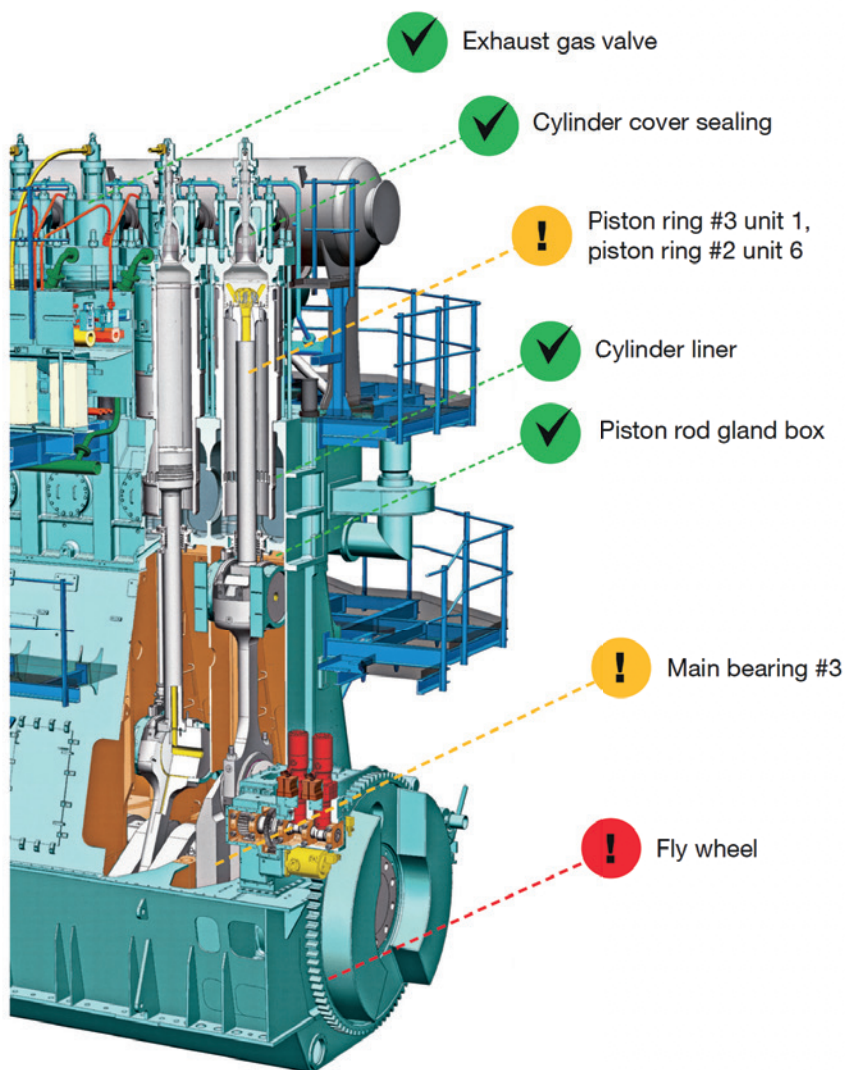
of operational risks, an indication of possible options to rectify any issues and clear recommendations for further action. A reliable engine adds value to the vessel for charterers, who want to get their cargo delivered safely and on time.

Uncovering potential savings

Combining the health check with a performance evaluation allows you to identify opportunities for fuel and lubrication oil saving. This makes the vessel significantly more attractive, as the main engine can be operated according to the specifications.

KEY BENEFITS

- Detect and classify main engine reliability risks
- Get clear recommendations for further action
- Uncover potential cost savings



Service Report

Engine Health Check

No action needed
 Require attention
 Need action

Based on the health check, a detailed but easy-to-read report is provided, including all the data collected and measurements taken.

Engine inspection

Depending on the customer requirements, the customised engine check covers:

- General engine inspection
- Piston underside inspection
- Cams, rollers and gears
- Fuel pump and fuel linkage
- Engine control and cylinder lubrication system
- Performance evaluation

Further components and engine systems can be included on request.

A complete drydocking pre-inspection is also available.

- **Professional inspection**
Qualified Wärtsilä engineers carry out visual inspections and measurements.
- **Expert analysis**
Wärtsilä 2-stroke engine experts investigate the measurement results and draw conclusions.
- **OEM recommendation**
A final evaluation report including clear recommendations.

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