

# Wärtsilä Optimised maintenance



In today's competitive shipping environment, maximising maintenance efficiency and costs is key to ensuring profitability. With the Wärtsilä Optimised maintenance lifecycle solution, we plan and schedule maintenance activities to suit your business operations, improving long-term cost predictability and uptime. By performing maintenance according to the actual condition of your equipment rather than a fixed schedule, we can help prevent the unexpected and optimise the availability of your equipment throughout its entire lifecycle.

## MAINTENANCE TAILORED TO YOUR OPERATIONAL NEEDS

The Wärtsilä Optimised maintenance lifecycle solution optimises maintenance intervals using Dynamic maintenance planning (DMP™). The solution enables maintenance to be scheduled according to actual needs instead of having to rely on a fixed maintenance schedule that doesn't take the actual condition of your equipment into account.

Based on continuous measurement and analysis as well as periodic inspections, your maintenance needs can be predicted – enabling you to keep your equipment running optimally and improve the balance between fuel economy and maintenance costs.

## KEY BENEFITS

- Get an overview of your fleet and insights into fuel efficiency
- Control maintenance costs while ensuring service levels
- Ensure long-term cost predictability
- Maximise uptime through optimised maintenance
- Get remote operational and technical support
- Ensure global and local coordination through network companies with workshops and skilled service experts
- Get maintenance, OEM spare parts and consumables – anytime, anywhere





### **PREDICTIVE ANALYTICS FOR OPTIMISED OPERATIONS AND MAINTENANCE**

We can monitor the condition of your equipment and the efficiency of operations, as well as conduct expert analyses and periodic equipment inspections. Based on these activities, we can then provide you with predictive maintenance recommendations and plan performance improvements.

You benefit from assured maintenance costs and long-term predictability of operational costs. Our service includes remote operational and technical support, scheduled work and parts, as well as maintenance planning and inspections.

### **REMOTE OPERATIONAL AND TECHNICAL SUPPORT**

By monitoring performance via automatic and secure data transfer, we can provide you with rapid advanced support to ensure your vessel can operate safely regardless of its location. A dedicated senior technical expert can advise your crew and offer remote troubleshooting and tuning. This ensures that any technical issues are resolved as quickly as possible while also reducing the need for unscheduled maintenance visits.

### **FLEET OVERVIEW AND INSIGHT**

Our Fleet tool brings accurate and cost-effective transparency to operational conditions – such as vessel fuel consumption as a normalised speed-fuel curve – in near real time. You can use these insights to improve efficiency and compliance.

### **MAINTENANCE COST AND SERVICE-LEVEL ASSURANCE**

Financial predictability is provided through lifecycle solutions with fixed prices and service assurances. As part of the solution, we agree with you the service levels that we can offer. The agreement can include assured maintenance costs, guaranteed parts delivery, set response times and a parts and workmanship warranty for up to 24 months.

### **WHY CHOOSE WÄRTSILÄ**

Wäartsilä is an experienced lifecycle solution provider, with a proven track record in operation and maintenance services dating back to the the 1990s. Globally, more than 500 vessels are covered by Wäartsilä's lifecycle solutions.

Our Expertise Centres around the world support our customers with advice, recommendations, and remote tuning based on monitoring and analysis – both during the day-to-day operation of your vessels as well as in unforeseen situations. Expertise Centres accurately predict your maintenance needs and can also identify and communicate improvement possibilities. Expertise Centres enable a holistic view of your fleet's operations while ensuring that your vessels are operating safely and at peak efficiency.

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