

Case Story



Customer:

d'Amico Group

Details:

d'Amico Group is one of the major players in the tanker and dry market, with a fleet covering both medium range and large range vessels.

All the vessels have been constructed in compliance with the IMO and MARPOL standards, and with the requisites of the major petroleum and energy companies, as well as with international standards.

- Engines include:
MAN MC/ME



Purchased Products

LDM - Liner Diameter measurement tool

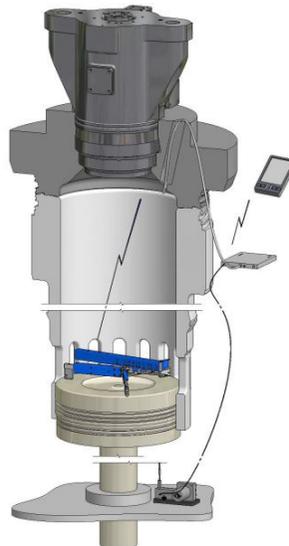
The LDM is an innovative tool for safe, fast and accurate measuring of cylinder liner wear and clover-leafing.

By using the LDM it is possible to avoid unplanned off-hire and reduce overhauling costs through continual monitoring of the cylinder condition. Furthermore, pre-inspection of the cylinder condition before a piston overhaul will minimize downtime and cost.

DEC-Tester

The DEC-TESTER provides reliable and efficient condition monitoring of the combustion chamber in 4-stroke diesel- and gas engines.

Regular diesel engine combustion chamber tester inspections are an important complement to existing maintenance procedures, making it possible to customize engine overhaul intervals in order to lower operational costs and avoid engine break-downs.



The Optimum Solution

The LDM is suitable for all 2-stroke engines with 500 - 980mm bore, and offers fast and precise in-situ measurement of cylinder liner wear and shape with no need to remove cylinder cover or dismantle critical engine parts.

So far, d'Amico group has purchased 3 LDM's as part of an ambitious condition-based maintenance project, and more orders for the monitoring equipment is on the way:

According to Technical Superintendent Matteo Conci *"d'Amico is looking very much into the results of their condition-based maintenance implementation projects in order to correctly assess what the benefits are, and will eventually extend it into the whole fleet."*

The LDM is therefore a highly relevant tool, and according to Matteo *"the benefits speak for themselves - especially for those who are managing vessels with engines prone to cold corrosion, just having the capability to monitor liner without having to physically open the unit is a top advantage."*