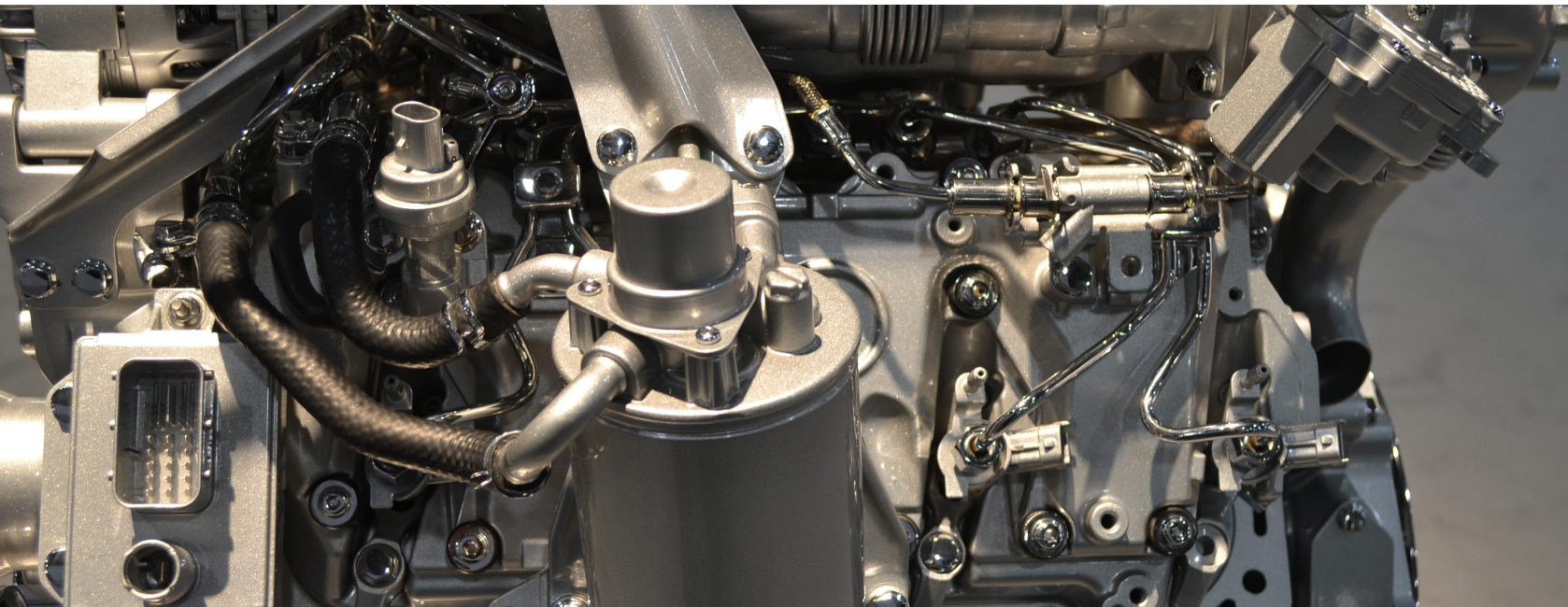


Marine engine service



Problem

Power train analysis

Solution

Inspection conducted without disassembly

Outcomes

- Reduced service time from one week to one day
- Increased customer satisfaction
- Reduced costs

Challenges

A problem with the power train of a marine engine operating under warranty was reported. To investigate a root cause the engine required removal and disassembly for an operator to manually inspect all pistons and parts. This process would take one week, delaying the return to service.

BHGE as Part of the Solution

GE Inspection Technologies was called in to provide a demonstration of the XL Lv VideoProbe*. A complete inspection of all 8 pistons was conducted and revealed one piston was corroded and required replacement. Implementing remote visual inspection reduced the downtime to the end customer from one week to one day, while saving C&C Marine labor and warranty cost by avoiding disassembly and manual inspection.

From this incident, C&C Marine has decided to implement RVI for QC and Repair processes going forward and utilizing the XL Lv VideoProbe to do so.

Technology Highlights

- Lightweight, ergonomic design
- Intuitive user interface
- Transflective sunlight readable LCD
- Sealed housings for dust and water ingress protection to IP55

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