

# How a vessel owner optimized oil drain intervals and kept a clean engine

SMG Beheer B.V. | YANMAR 12AYM-W series



Energy lives here



## Making the switch

As recommended by OEM Yanmar, mv Frisian changed the oil on two of their main engines YANMAR 12AYM-W every 500 hours. In collaboration with Yanmar Europe B.V., SMG Beheer B.V. and Den Hartog B.V. an authorised ExxonMobil distributor, mv Frisian were advised to use **MobilGard™ HSD+ 15W-40** together with a used oil analysis - Mobil Serv Lubricants Analysis (MSLA) in order to achieve the optimum drain interval. Based on MSLA reports and endoscopic analysis, it was confirmed that extension of the oil drain interval for mv Frisian from 500 to 3000 hours was responsibly justified.

up to **6X**  
oil drain intervals

mv Frisian extended oil drain intervals, extending their equipment's run time.



**500 » 3000 hours**

Extending equipment run time between ODI's

up to **3/4**  
oil saving

mv Frisian used less oil, cutting their oil consumption.



**Clean engine**

Cutting oil consumption and improve lubrication

**Mobil Serv™**

Used Oil analysis to help protect the engine

More than **11K Euros** in annual savings\*

\* equivalent to the cost of the lubricants saved by extending the drain interval up to 6 times (based on the cost of purchasing the existing lubricant versus the new cost of the slightly more expensive product)

Based on the experience of a single customer. Actual results may vary depending upon the type of equipment used, its condition, its maintenance, operating conditions and environment and any prior lubricant used.

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