

ExxonMobil helps PT Tringgading Agung Pratama safely extend oil drain intervals by up to 220%



Mobilgard™ DEO 40 helps extend oil drains intervals from 250 hours to up to 800 hours, as confirmed by ExxonMobil's Mobil ServSM Oil Drain Optimization Program.

Situation

PT Tringgading Agung Pratama was looking to safely extend the overhaul periods of the two Cummins NTA-855M main engines and two auxiliary units in its Tugboat vessel, TB Gading 1, which operates in the waters around Indonesia. It contacted ExxonMobil for insights into how this might be achieved.



Oil drain intervals safely extended by up to

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Recommendation

ExxonMobil, in collaboration with its local distributor, PT Supra Indolub Prakasa (SIP), recommended that PT Tringgading Agung Pratama switch the vessel to Mobilgard™ DEO 40, an extra high-performance, mono-grade oil specifically formulated for severe service high-speed diesel engines in marine applications. Its advanced chemistry provides outstanding performance in both modern, demanding low-emission diesel engines, and older diesel engines operating on low- or high-sulphur distillate fuel.

The vessel operator also implemented ExxonMobil's Mobil Serv™ Oil Drain Optimization Program. As part of the service, high-speed engine vessel operators receive support to identify the right lubricant and its optimal drain interval, specifically customised to match their vessel's operational characteristics and business needs. SIP conducted oil analysis and engine inspections throughout the trial.

Result

The switch to Mobilgard DEO 40 enabled the TB Gading 1 to safely improve its oil drain intervals from 250 hours to 750–800 hours, beyond the OEM-recommended 250-hour limit; an increase of up to 220%.

“With the help of ExxonMobil, we’ve made an important saving by safely, efficiently and significantly extending oil drain intervals. The results completely surpassed our expectations.”

M. Sulaiman

*Marine Engineer, Technical Superintendent
PT Tringgading Agung Pratama*

An engine inspection carried out by ExxonMobil lubricant engineers at the conclusion of the trial confirmed minimal wear and deposits, offering peace of mind to the vessel operator. A previous issue with overheating was also solved.

Based on the trial success it is estimated that PT Tringgading Agung Pratama can expect an annual saving of around USD \$1,000 (about IDR 15,235,000), per vessel.



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

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