

ExxonMobil helped PT Vallianz Offshore Maritim safely extend oil drain intervals by 65%



Mobilgard™ HSD 15W-40, in combination with the Mobil ServSM Oil Drain Optimization Program, helped PT Vallianz Offshore Maritim to safely extend the oil drain intervals of its offshore firefighting vessel, Swiber Challenger, and maintain engine cleanliness while running B30 biodiesel.

Situation

PT Vallianz Offshore Maritim was looking to extend the oil drain intervals of its offshore firefighting vessel, Swiber Challenger, which operates in the waters around Indonesia. The company was also hoping to safely extend the overhaul periods of the vessel's two Caterpillar 3516B main engines as well as its three auxiliary units, which were running on B30 biodiesel.

Oil drain intervals safely extended up to

1239hr



Cut annual oil change-related expenditure by

US \$5,000



Mobilgard™ HSD 15W-40 helped deliver a 65% increase in oil drain intervals with an annual saving of US \$5,000

Recommendation

ExxonMobil, in partnership with its local distributor, PT Supra Indolub Prakasa (SIP), recommended that PT Vallianz Offshore Maritim switch the vessel to Mobilgard™ HSD 15W-40, an extra high performance, multi-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 engine oil is also biodiesel-compatible*.

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 customized to match their vessel's operational characteristics and business needs. SIP conducted oil analysis and engine inspections throughout the trial.



"We were hoping to safely and effectively extend the oil drain intervals of the Swiber Challenger, a goal that was wholly achieved thanks to the support of ExxonMobil and PT Supra Indolub Prakasa. The support we received during the initial trial also delivered peace of mind."

Stefan Justin

Vice-President of PT Vallianz Offshore Maritim

"The results of the trial exceeded all expectations. The switch to Mobilgard™ HSD 15W-40 delivered a substantial oil drain extension, despite the vessel running B30 biodiesel, which translates into a significant saving."

Jachner Marinton,

Technical Superintendent,

PT Vallianz Offshore Maritim

Results

The switch to Mobilgard™ HSD 15W-40 enabled the Swiber Challenger to safely extend its oil drain intervals from 750 hours to 1,239 hours, an increase of 65% and beyond the OEM-recommended 1,000 hour limit. 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.

On the basis of the trial's success it is estimated that PT Vallianz Offshore Maritim can expect an annual saving of around USD \$5,000.

*Based on CEC L-109-14 (test modified with palm B100), meeting the limits in ACEA E7-16. 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.