Shell Marine

SHELL RIMULA R4 X EXTENDS OIL-DRAIN INTERVAL FROM 300 TO 500 HOURS

ESTIMATED CUSTOMER SAVING
US$980[1] PER VESSEL

67% LONGER OIL-DRAIN INTERVAL

shell.com/marine

COMPANY: Kee Marine Offshore Pte. Ltd

LOCATION: Singapore

APPLICATION: Tug and barge main engines

KEY EDGE: **Shell Rimula R4 X**

67%
LONGER OIL-DRAIN INTERVAL

Shell RIMULA

CHALLENGE

The maintenance approach for Kee Marine Offshore's fleet of 20 tugs, barges and speedboats favoured low oil-drain intervals using competitively priced products in the belief that frequent oil changes meant optimal engine conditions and kept lubricant costs down. The fleet's average oil-drain interval was 300 hours, which resulted in high maintenance downtime.

SOLUTION

Kee Marine was looking to extend the oil-drain intervals to save on maintenance and lubricant costs. Shell Marine, with its distributor Ocean Lubricants, proposed a one-vessel trial using Shell Rimula R4 X 15W-40, a high-performance engine oil that could potentially extend the oil-drain interval.

OUTCOME

Following the trial, the oil-drain interval was extended by 67%[1], i.e., from 300 to 500 hours. Oil analysis in local laboratory showed nominal wear metal content and that the oil was still fit for use. As a result, engine protection was uncompromised.

VALUE

Kee Marine Offshore reports a total estimated **annual savings of US$980**[1] for this vessel. By applying the same extended oil-drain intervals across its fleet, the company could potentially **save an estimated US$19,600/y.**[1]

[1]The savings indicated are specific to the calculation date and mentioned site. These calculations may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.

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