



INDONESIAN SHIPPING COMPANY DOUBLES ITS OIL-DRAIN INTERVAL BY USING SHELL RIMULA R4 X 15W-40

COMPANY: PT Pelayaran Kapuas Jaya Samudera

APPLICATION: Main engines

VESSEL: Tugboats and barges

KEY EDGE: Shell Rimula R4 X 15W-40, Shell LubeAnalyst

**LONGER OIL-DRAIN
INTERVAL SAVES THE
COMPANY ABOUT**

US\$4,900/Y¹

PER VESSEL

¹The savings indicated are specific to the calculation date and mentioned site.

PT Pelayaran Kapuas Jaya Samudera (PT KJS) is a shipping company based in Jakarta, Indonesia. Established in 2004, the company currently operates 42 vessels, including several tugboats, barges that are used for transporting coal and unrefined palm oil, and container vessels. It is imperative to PT KJS to be a reliable shipping partner by deploying the best available technology.

PT KJS wanted to maximise engine oil performance in its vessels by increasing the engines' oil drain interval without compromising on oil performance and overall equipment protection.

Distributor PT Cahaya Samoedera Bersaudara (PT CSB), with support and guidance from Shell Marine, proposed that PT KJS should run a trial using Shell Rimula R4 X 15W-40 heavy-duty engine oil in a test vessel. PT CSB and Shell Marine were confident that the Energised Protection and superior quality of Shell Rimula R4 X 15W-40 would meet PT KJS's requirements.

The trial showed that the oil-drain interval could be doubled, from 500 hours using a competitor's oil to 1,000 hours, by using Shell Rimula R4 X 15W-40 without compromising engine protection. The trial monitoring was supported by the Shell LubeAnalyst² oil analysis service.

As a result of changing to Shell Rimula R4 X 15W-40, PT KJS has reported potential annual savings of about US\$4,900 per vessel through the longer oil-drain interval and consequent lower oil consumption.



²Formerly known as Shell Rapid Lubricants Analysis

1

CHALLENGE

PT KJS wanted to maximise engine oil performance in its vessels by increasing the engines' oil-drain interval without compromising on oil performance and overall equipment protection.

2

SOLUTION

Distributor PT CSB, with support and guidance from Shell Marine, proposed that PT KJS should run a trial using Shell Rimula R4 X 15W-40 heavy-duty engine oil.

3

OUTCOME

The trial showed that the oil-drain interval could be doubled, from 500 to 1,000 hours, by using Shell Rimula R4 X 15W-40 without compromising engine protection.

4

VALUE

As a result of changing to Shell Rimula R4 X 15W-40, PT KJS has reported potential **annual savings** of about **US\$4,900¹** per vessel through the longer oil-drain interval and consequent lower oil consumption. PT KJS is set to save an estimated US\$107,8003 a year across 22 vessels.

¹The 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.

SHELL SERVICE

Shell LubeMonitor

A condition monitoring programme for two-stroke marine engine cylinders that includes access to Shell tools and advice to help you strike an acceptable balance between cylinder oil costs and wear-related cylinder maintenance expenses.

Shell LubeAnalyst

A flexible used-oil laboratory analysis service designed to save you time and money on maintenance resulting from equipment failure. This early-warning system aims to give you peace of mind that your equipment and lubricants are in optimum working order.

Shell LubeAdvisor

This on-site support from a global team of field-based engineers includes lubrication surveys, vessel assessments, and in-depth technical and applications support when required. Back-up support is provided by telephone, fax or email.

SHELL RIMULA

Shell RIMULA

The product purpose is to safeguard high-speed, four-stroke engines from corrosive wear.

High-performance engine oil for highly rated high-speed diesel engines that meet the latest API and ACEA specifications.

- Suitable for engines burning distillate fuels with a sulphur content of up to 1.0 %wt
- Outstanding engine cleanliness
- Superior wear control
- Excellent oxidation resistance

