



SHELL GADINIA S3 HELPS TO CUT LUBRICATION COSTS BY 58%¹

COMPANY: PT Indo Container Line

APPLICATION: Main engines

VESSEL: Container vessels

KEY EDGE: Shell Gadinia S3

LONGER OIL-DRAIN INTERVAL SAVES

US\$16,900/y¹

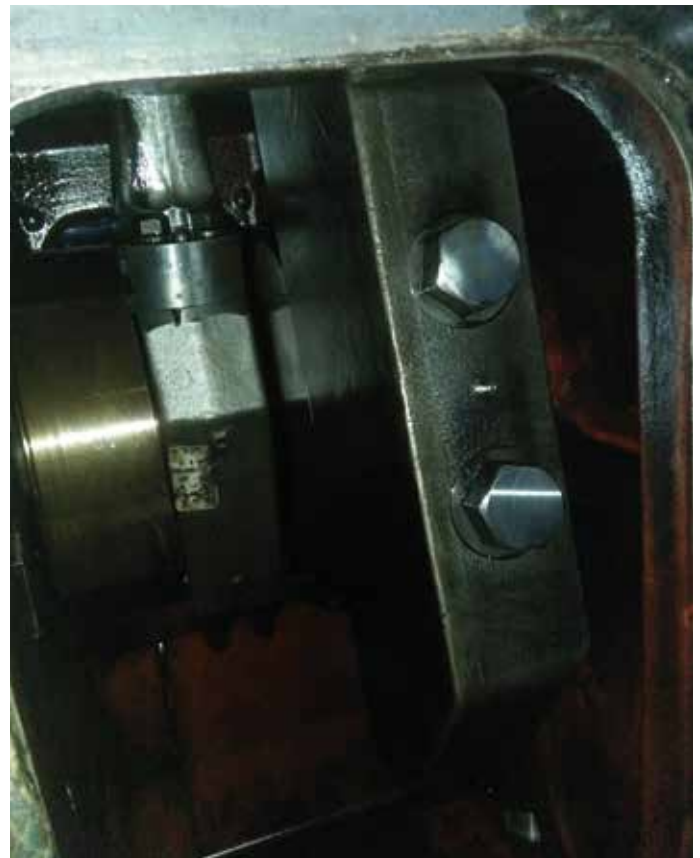
¹The savings indicated are specific to the calculation date and mentioned site. These calculations may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance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

PT Indo Container Line (ICON Line), part of the Pelayaran Kapuas Jaya Samudera group of companies, owns and operates four container vessels and is hoping to extend its fleet. The group's vision is to be a leading provider of transportation solutions and a reliable shipping partner in Indonesia. As part of this goal, ICON Line wanted to increase its vessels' oil-drain intervals without compromising on product quality and to increase its efficiency through fewer breakdowns.

Shell Marine distributor PT Cahaya Samoedera Bersaudara, with support and guidance from the Shell Marine technical team, proposed that ICON Line should trial Shell Gadinia S3 40 engine oil to help extend the vessels' oil-drain interval. This engine oil is designed for severe service in main propulsion and auxiliary engines burning distillate and biofuels with a sulphur content up to 1%.

Tests conducted by a local laboratory showed that the oil-drain interval has been successfully extended from the 1,500 hours before using a Shell Marine lubricant to 3,500 hours when using Shell Gadinia S3 40, which enables the vessels to operate efficiently without any issues.

ICON Line reports that, as a consequence of longer oil-drain intervals, it has reduced its annual lubrication costs by 58%, which has resulted in cost savings of US\$16,900.¹



1**CHALLENGE**

ICON Line wanted to increase its vessels' oil-drain interval without compromising on product quality and to increase its efficiency through fewer breakdowns.

2**SOLUTION**

Shell Marine distributor PT Cahaya Samoedera Bersaudara, with support and guidance from the Shell Marine technical team, proposed that ICON Line should trial Shell Gadinia S3 40 engine oil to help extend the vessels' oil-drain interval.

3**OUTCOME**

The oil-drain interval has been successfully extended from 1,500 hours before using a Shell Marine lubricant to 3,500 hours when using Shell Gadinia S3 40, which enables the vessels to operate efficiently without any issues.

4**VALUE**

ICON Line reports that, as a consequence of longer oil-drain intervals and increased vessel efficiency, it has reduced its annual lubrication costs by 58% for **cost savings of US\$16,900.¹**

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SHELL SERVICE**Shell
LubeMonitor**

A service designed to monitor two- and four-stroke marine engine performance. It includes access to Shell tools and advice to help you strike and maintain an acceptable balance between oil costs and 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 GADINIA**Shell
Gadunia**

Shell Gadunia trunk piston engine oils have been reformulated to help give low oil consumption and good wear protection.

