ExxonMobil
Marine Lubricants

engine oil drain interval study

Optimizing oil drain intervals may reduce the overall cost of lubricating your fleet's engines and equipment.

Overview

By helping you to optimize your fleet's engine lubricant change frequencies, ExxonMobil lubrication specialists may help lower the total cost of lubricating your fleet's engines. With input from the pacesetting Signum Oil Analysis program (a fee-based service), they can advise on whether you are changing oil more often than is necessary — or not often enough.

Listed below are some of the skills and resources ExxonMobil lubrication specialists offer.

Description

- Provide engineering recommendations to safely optimize engine oil drain intervals and potentially improve the total cost of ownership of engine lubrication
- Access the expertise of Original Equipment Manufacturers to help analyze the engine(s) condition and resulting potential lubrication recommendations
- Utilize the state-of-the-art Signum Oil Analysis program from ExxonMobil and conduct physical engine inspections to evaluate the optimum engine lubricant drain interval

Application

- Collect and understand the baseline engine lubrication and maintenance conditions
- Assist in setting up the appropriate onboard and/ laboratory sampling program to facilitate the engine oil drain optimization
- Provide oil analysis interpretation and lubricant recommendations to safely extend engine oil drain intervals
- Consult with engine manufacturers as necessary on our recommendations
- Validate recommendations/findings with the customer to ensure accuracy and effectiveness

Deliverables

- A complete documented study of the vessel's engine lubricant drain interval including baseline data, engineering recommendations, engine inspection results, and savings calculation correlating to each engineering recommendation
- Signum Oil Analysis registrations for applicable vessels and equipment
- Basic training on oil analysis and sampling procedures for your personnel as needed

Potential Benefits

- Safely reduced lubricant replacement costs by optimizing lubricant change frequencies
- Optimize engine time between overhaul through optimizing wear rates
- Reduce lubricant disposal costs by extending lubricant replacement frequencies

ExxonMobil Marine Limited
An ExxonMobil Affiliate, ExxonMobil House, Mailpoint 29, Ermyn Way, Leatherhead KT22 8UX, United Kingdom

www.exxonmobil.com/lubes/marine

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