

Mobil Serv Lubricant Analysis and Mobil Delvac 1 engine oil improve container terminal efficiency*



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Oil analysis program | Container terminal | New Jersey, United States

Situation

A port container terminal responsible for loading and unloading container ships handles an average of more than 700,000 containers annually. To meet this high demand, the terminal requires maximum operational availability of its vehicles. In an effort to reduce maintenance downtime and increase equipment availability, the company approached ExxonMobil engineers for a maintenance and lubrication solution capable of extending oil drain intervals.

Recommendation

ExxonMobil engineers recommended the company use **Mobil Delvac 1™ LE 5W-30** synthetic heavy-duty diesel engine oil for advanced wear protection and extended drain interval capability.

Mobil ServSM Lubricant Analysis was also recommended to help the company monitor equipment and lubricant conditions. The program features scan-and-go sampling to help improve data accuracy and eliminate the time consuming sample labeling process.

Benefit

Mobil Delvac 1 LE 5W-30 and **Mobil Serv Lubricant Analysis** have helped the company reduce maintenance downtime, extend oil drain intervals, and increase equipment availability to generate an estimated total cost savings of \$29,624.

Impact

After switching to **Mobil Delvac 1 LE 5W-30** and implementing **Mobil Serv Lubricant Analysis**, the company reports that it has extended oil drain intervals from 250 hours to 1,000 hours, which has helped increase the operational capacity of the fleet. This has also helped reduce maintenance downtime by 180 hours and lower waste oil disposal by 3,240 gallons.

75% Reduction in sample preparation time

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*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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