

Mobil Delvac 1 LE 5W-30 and Mobil Serv Lubricant Analysis help U.S. container terminal reduce oil analysis sampling time and increase equipment availability



Energy lives here™

Oil analysis program | Port Newark Container Terminal | Newark, NJ, United States

Situation

Port Newark Container Terminal (PNCT) is responsible for loading and unloading container ships in the Port of Newark, and handles an average of more than 700,000 containers annually. To meet this high demand, PNCT 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 PNCT 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**, PNCT reports that it has extended oil drain intervals from 250 hours to 1,000 hours, which has helped increase the operational capacity of PNCT's fleet. This has also helped reduce maintenance downtime by 180 hours and lower waste oil disposal by 3,240 gallons. Not only has this helped reduce the company's environmental impact, it has helped generate a company-estimated total savings of US \$29,624.

In addition, the scan-and-go functionality of **Mobil Serv Lubricant Analysis** has helped reduce sampling registration time by 75 percent, saving program managers more than 24 labor hours per year.

75% Reduction in sample registration time

Industrial
Lubricants



**Advancing
Productivity™**

Advancing productivity

Helping you reach your Safety, Environmental Care and Productivity goals through our innovative lubricants and services is our highest priority. That's Advancing Productivity. And that's how we help you achieve your broader vision of success.

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.

© 2016 Exxon Mobil Corporation. All rights reserved. ExxonMobil shall include Exxon Mobil Corporation and its affiliates. All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless otherwise noted.
POP 2016-030