

# Mobil Delvac 1 LE 5W-30 and Mobil<sup>SM</sup> Lubricant Analysis help U.S. container terminal reduce oil analysis sampling time and increase equipment availability

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<sup>TM</sup> LE 5W-30** synthetic heavyduty diesel engine oil for advanced wear protection and extended drain interval capability.

**Mobil<sup>SM</sup> 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.

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## Benefit

**Mobil Delvac 1 LE 5W-30** and **Mobil<sup>SM</sup> 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<sup>SM</sup> 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<sup>SM</sup> 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