

# Mobil™ helps Los Orígenes Power Plant, S.R.L. to continue generating power

Thanks to early detection of water presence in the lubricant, the company was able to save \$631,000 USD.



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Motores Wärtsilä 18V50 / 20V34

Los Orígenes Power Plant S. R. L.

Dominican Republic

## Situation

Los Orígenes Power Plant, S. R. L. uses 5 Wärtsilä marine engines to generate up to 60 MW of electric power, which makes the plant one of the main in the industry. To lubricate the engines, the plant used **Mobilgard™ M440** and relied on the progressive analysis program **Mobil™ Lubricant Analysis** to monitor the lubricant's performance. Thanks to these practices, they detected water excess, according to the limits recommended by the manufacturer of the equipment.

## Recommendation

As a follow-up to the engine problem, the Lubrication Engineers of Implementos y Maquinarias, S.A., an authorized ExxonMobil distributor in the Dominican Republic, supported by the plant's engineers, agreed to carry out a field inspection to identify and correct the main contamination cause in the combustion chambers.

## Results

Supported by the used oil analysis results through **Mobil Lubricant Analysis**, and the prompt response of the plant's engineers team, they found and satisfactorily corrected the water presence in the engines. From this, the company saved \$631,000 USD in maintenance of critical components of Wärtsilä engines.



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This performance test is based on the experience of a single customer. Actual results may vary depending on the equipment used, its maintenance, operating and environment conditions, as well as any previous lubricants used.

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