

MobilSM Lubricant Analysis transforms Texas Petrochemical facility by boosting efficiency and cutting costs

Manufacturing Equipment Petrochemical Beaumont, TX

Situation

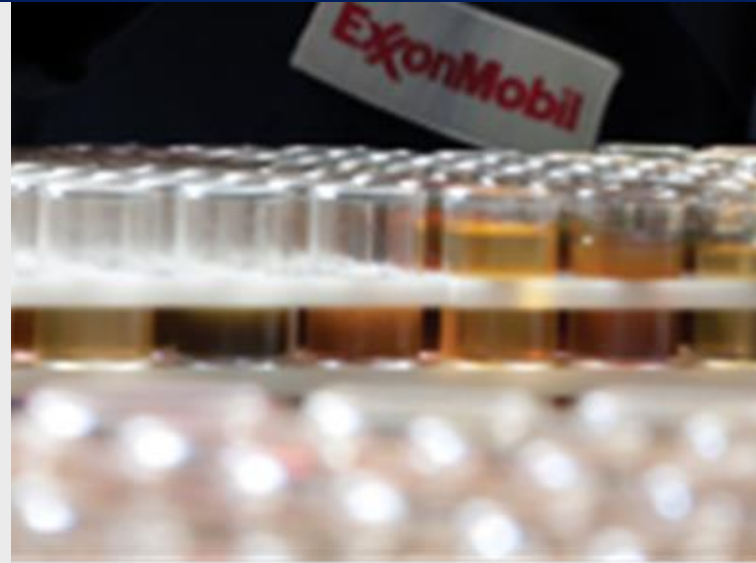
A leading refinery, responsible for converting crude oil into various petroleum products, recognized the potential benefits of adopting **MobilSM Lubricant Analysis** and opted to bring their oil sampling service in-house. The primary objectives were to reduce costs associated with third-party contracting, minimize the need for expensive equipment replacements, and address productivity losses that were impacting overall efficiency.

Recommendation

To achieve these goals, the refinery enlisted the expertise of the MobilSM field engineering team. This collaboration aimed to leverage the advanced capabilities of **MobilSM Lubricant Analysis**, a state-of-the-art automated and cloud-based program. By implementing this sophisticated system, the refinery anticipated significant improvements in the quality and accuracy of its sample results. Additionally, the in-house service would streamline operations, making the process more efficient and straightforward. The MobilSM field engineering team provided comprehensive support, ensuring the refinery's staff were well-trained and equipped to utilize the **MobilSM Lubricant Analysis** system effectively.

Impact

By adopting and integrating **MobilSM Lubricant Analysis**, the petrochemical plant achieved significant improvements in several key areas. The quality of sample results was enhanced, ensuring more accurate and reliable data for decision-making. Operational processes were streamlined, leading to greater efficiency and simplicity in daily activities. Additionally, the plant experienced a notable reduction in productivity loss costs. These comprehensive enhancements collectively resulted in substantial financial benefits for the company. The estimated annual savings amounted to \$80,000*, underscoring the value and impact of adopting **MobilSM Lubricant Analysis**. This strategic move not only optimized the plant's operations but also demonstrated a commitment to leveraging advanced technology and adopting innovative solutions for continuous improvement and cost efficiency.



Annual Savings



\$ 80,000 USD*

Revenue Improvement

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. **Visit mobil.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits depend upon product, operating conditions and application. Copyright © 2024 ExxonMobil. All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries. Other trademarks shown are properties of their respective owners. All Rights Reserved.