

Mobil™ Lubricant Analysis and Mobil DTE™ 25 Ultra lower costs by tripling years of hydraulic oil use while maintaining equipment performance

Hydraulics | Welding Industry | Cleveland, United States

Situation

A welding company wanted to extend the life of its hydraulic oil, but not compromise quality. Unsuitable oil is the main cause for hydraulic equipment failure and increased maintenance costs. Changing oil based on time in service or on the oil's appearance, the company approached Mobil's engineering team to help determine if their oil was suitable for continued use.

Recommendation

Mobil™ engineers recommended Mobil DTE™ 25 Ultra high-performance anti-wear hydraulic oil to deliver extended oil drain intervals, improve oil life and deposit control. They also recommended the company implement Mobil™ Lubricant Analysis to deliver vital equipment and oil condition insights on the health of their operations to optimize performance.

Impact

The welding company extended its hydraulic oil life from 2 years to 6 years across its entire equipment portfolio. Specific equipment has not required an oil change in more than 10 years of continuous performance using Mobil DTE™ 25 Ultra and with the implementation of Mobil™ Lubricant Analysis. The use of Mobil DTE™ 25 Ultra has reduced the companies hydraulic oil consumption by 22,712 litres with a savings of \$181,907 over a five-year period and maintained equipment performance.



\$ 181,907 CAD

Revenue Improvement



400 Hours

Exposure Reduction



22,712 Litres**

Environmental 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/industrial to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications. Copyright © 2024 ExxonMobil. All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries. Imperial Oil, licensee. All Rights Reserved.