

# Improved process efficiency with Mobil Serv Lubricant Analysis

ExxonMobil's oil analysis program helps U.S. alumina production plant generate a total cost savings of US \$9,600 in reduced labor



Energy lives here™

## Oil Sampling Program | Alumina Production Plant | Texas, United States

### Situation

A Texas-based alumina production company obtains over 150 oil analysis samples per month as part of their comprehensive preventative maintenance program. The process of collecting and labeling the samples typically requires 24 labor hours per month, with a significant portion of that time dedicated to printing and filling out sample labels. In an effort to streamline the sampling and labeling process, the company approached ExxonMobil engineers for an alternative maintenance solution.

### Recommendation

ExxonMobil engineers recommended that the company use **Mobil Serv<sup>SM</sup> Lubricant Analysis**. The **Mobil Serv Lubricant Analysis** program eliminates the time consuming sample labeling process through the use of pre-labeled sample bottles with QR codes and a unique number identifier. These QR codes and number identifiers allow the sample bottle to be quickly paired with a piece of equipment in the **Mobil Serv Lubricant Analysis** System with no additional sample labeling.

### Benefit

**Mobil Serv Lubricant Analysis** has helped this Texas-based alumina production plant improve sample process efficiency, while reducing monthly labor associated with oil analysis to eight hours per month, which has helped deliver a total cost savings of US \$9,600.

### Impact

According to company reports, after implementing **Mobil Serv Lubricant Analysis**, the company experienced improved process efficiency by reducing their monthly sample collection time by 66 percent to eight labor hours per month. This is an average savings of 16 labor hours per month and 192 labor hours per year, which has helped generate a total cost savings of US \$9,600 in reduced labor.

Industrial  
Lubricants



### 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 2015-042

[mobilindustrial.com](http://mobilindustrial.com)