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.

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.

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.

Recommendation
ExxonMobil engineers recommended that the company use Mobil ServSM 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.

Advancing productivity
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