



# Fluid Life Saves Mining Company \$1.5 Million in First Six Months with CARE Reliability Services

## PROBLEM

Because our client was unable to effectively manage their actionable work, they were suffering from process issues in their oil analysis program, which was fragmented and unstructured. Internally, they were facing a lack of buy-in from their employees, as well as inconsistent maintenance practices between sites.

**Our client—a global mining company—operates a fleet of 130 mobile units at its Canadian underground mines.**

With a drop in mineral prices affecting the overall profit margin of their operations, the need to reduce maintenance costs was vital.

Fluid Life was brought in to provide a framework that would lower maintenance costs, advance our client's oil analysis program, improve equipment reliability, and increase compliance to a uniform maintenance and reliability program.

**FLUID LIFE**  
EQUIPMENT RELIABILITY SERVICES

## AT A GLANCE

- Global mining company.
- Fleet of 130 mobile mining units.
- Fragmented maintenance practices and procedures were costing hundreds of thousands of dollars.
- Implemented Condition Assessment and Reliability Evaluation (CARE) program.
- Saved \$1.5 million with an \$18,000 investment.

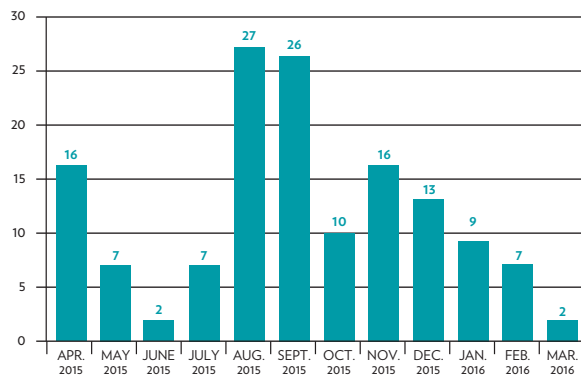
## SOLUTION

In the first six months, Fluid Life's Reliability Services team has worked closely with our client to provide structure and ongoing support to its reliability initiatives. Through the Fluid Life CARE program, we have implemented sustainable solutions to help our client take control of its oil analysis program including the following:

- Audit existing oil analysis processes
- Implement a decision support and corrective actions management process (delivered through Fluid Life's myLab™ web application) to help standardize data integrity, testing defaults, flagging rules, reporting options and financial tracking procedures
- Break down internal communication silos and bring departments together to implement site-wide standardization of oil analysis systems and processes on a single platform
- Provide support while also educating our client about program metrics, performance measures and opportunities for improvement

Combining Fluid Life's CARE program with our highly skilled Reliability Specialists, allowed us to successfully help our client improve their oil analysis processes and receive a significant return on investment. Because of this, our client continued their investment in the CARE program, despite the drop in price of the precious metals they mine.

2015 Avg. Response Time (Days)



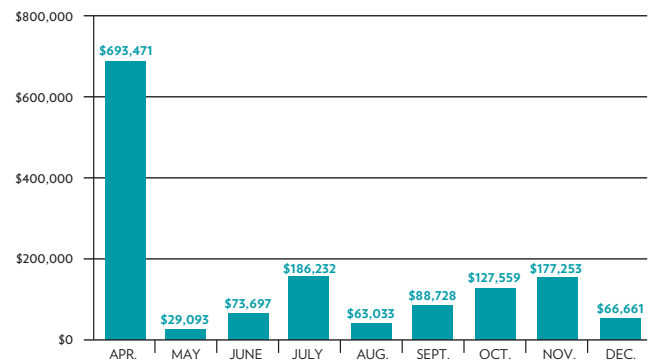
## RETURN

By implementing Fluid Life's CARE program, our client has greatly improved many of the internal challenges that were diminishing the overall effectiveness of their oil analysis and maintenance program. These include an increase in communication between their sites, a rise in employee buy-in to the oil analysis and maintenance program and overall, a positive shift in the company culture.

Carrying out our standardized site-wide uniform maintenance and reliability program has also enabled our client's employees to effectively manage their actionable work in a consistent and structured manner.

In the first six months, Fluid Life conservatively estimates that our client has saved \$1.5 million.

2015 Total Estimated Savings



**FLUID LIFE**  
EQUIPMENT RELIABILITY SERVICES