

Mobilgrease XHP 681 Mine helps Colombian mining company extend equipment life*



Energy lives here™

Liebherr R9350 excavator | Mining company | Cesar, Colombia

Situation

A Colombian mining company operates a Liebherr R9350 excavator, lubricated with **Mobilgrease XHP™ 681 Mine** to extend the life of the equipment and its components. Formulated with an advanced lithium complex technology, **Mobilgrease XHP 681 Mine** is specifically engineered to handle the lubrication demands of off-highway equipment. In an effort to maximize the benefits achievable with **Mobilgrease XHP 681 Mine**, the company approached ExxonMobil engineers for a strategy to prevent unscheduled downtime and further enhance the productivity of its equipment.

Recommendation

ExxonMobil engineers recommended supplementing the use of **Mobilgrease XHP 681 Mine** with a preventative maintenance program to monitor and adjust the lubrication systems on the excavator blades. They also urged maintenance personnel to pay close attention to the operating temperatures of the critical points on the excavator joints.

Benefit

Mobilgrease XHP 681 Mine specialized grease and the recommendations provided by ExxonMobil engineers have helped this mining company extend the lifespan of the excavator joints by 86 percent, generating a company-estimated annual savings of US \$118,670.

Impact

Together, **Mobilgrease XHP 681 Mine** and the company's commitment to preventative maintenance have enabled a number of substantial performance benefits. By lubricating the excavator joints with **Mobilgrease XHP 681 Mine**, maintenance personnel successfully extended their lifespan by 86 percent, and surpassed 114,800 in-service hours on the pin and bushing components.

Excavator joint lifespan
extended by

86%

Industrial
Lubricants



**Advancing
Productivity™**

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 mobilindustrial.com 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.

© 2015 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 2013-057

mobilindustrial.com