



Mobil SHC 630 Helps Peruvian Mining Company Triple Oil Drain Intervals on SAG Mill Bearings, Generating a Savings of More Than US \$1,112,000 Over Three Years

**Metso 32x34 Gold SAG Mill
Mining Company
Cajamarca, Perú**

Situation

A Peruvian mining company operates a Metso 32x34 Gold SAG Mill. OEM recommendation was to lubricate the mill bearings with a standard mineral oil, and set oil drain intervals at one year. With hopes of increasing productivity and reducing the total cost of ownership, company managers approached ExxonMobil to determine a lubricant solution capable of safely extending oil drain intervals beyond the one year mark.

Recommendation

ExxonMobil recommended transitioning to **Mobil SHC™ 630** bearing oil. Formulated with high viscosity base fluids and a unique, proprietary additive system, it's scientifically designed to provide outstanding performance in extreme service applications. **Mobil SHC 630** is also laboratory proven to provide significant efficiency improvements over standard mineral oils.

Result

Complemented by world class maintenance practices and routine oil analysis, **Mobil SHC 630** bearing oil helped the mining company extend oil drain intervals from one year to three years on the SAG mill without any identified concerns. Maintenance personnel were so impressed by the lubricant performance, they've considered extending drain intervals even further to five years. By tripling oil drain intervals, the company has reduced oil consumption, decreased labor costs, increased plant availability and conserved energy resources, generating an estimated savings of US \$1,112,000 over the last three years.

The product performance of **Mobil SHC 630**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



Mobil SHC 630 bearing oil helped a Peruvian mining company triple oil drain intervals on its SAG mill bearings, generating a total savings of US \$1,112,000 over three years.

For more information on Mobil SHC and other Mobil industrial lubricants and services, call your local company representative or visit mobilindustrial.com

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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.