

Mobil SHC™ 630 synthetic bearing oil helps Peruvian mine triple oil drain intervals*



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Metso 32x34 gold SAG mill | Mining company | Cajamarca, Perú

Situation

A Peruvian mining company operates a Metso 32x34 gold SAG mill. Lubricated with a conventional mineral oil, the OEM recommended setting oil drain intervals at one year. In an effort to increase mill productivity and reduce total cost of operation, the company approached ExxonMobil to identify a lubricant solution capable of safely extending oil drain intervals to more than one year.

Recommendation

ExxonMobil engineers recommended the company switch to **Mobil SHC™ 630** synthetic bearing oil. Formulated with high viscosity base fluids and a proprietary additive system, **Mobil SHC 630** is designed to provide outstanding performance in extreme service applications as well as efficiency improvements over conventional mineral oils.

Impact

After transitioning to **Mobil SHC 630** synthetic bearing oil, the mining company extended oil drain intervals from one year to three years on the SAG mill without experiencing any lubricant-related technical issues. These benefits helped reduce oil consumption, decrease labor costs, increase plant availability and conserve energy resources.

Benefit

The company reports that by tripling its oil change intervals, **Mobil SHC 630** has enhanced plant productivity and generated maintenance cost savings of US \$1,112,000 over three years.

Estimated annual savings of
US \$370K

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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.

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