

# Mobilith SHC 460 helps extend bearing life, saving more than US \$66,000 annually\*



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## SKF roller bearings | Minera Sabinas S.A. de C.V. | Sombrerete, Zacatecas, Mexico

### Situation

Minera Sabinas, a Mexican mining company, operates machinery equipped with SKF roller bearings throughout its plant. Lubricated with a mineral-based grease, an average of eight roller bearings required replacement each month at a cost of US \$774 each, including parts and labor. In an effort to reduce costs and increase equipment availability, the company approached ExxonMobil engineers for a lubricant solution capable of enhancing bearing life.

### Recommendation

ExxonMobil engineers recommended the company transition to **Mobilith SHC™ 460**, a high performance synthetic grease. Formulated with an advanced lithium-complex thickener and a carefully selected proprietary additive system, **Mobilith SHC 460** is specifically designed to provide superior wear protection across a wide operating temperature range, and enhance bearing life.

### Benefit

**Mobilith SHC 460** synthetic grease has helped this mining company increase extend bearing life, increase productivity and reduce labor costs to deliver a company-estimated annual savings of US \$66,960.

### Impact

After making the switch to **Mobilith SHC 460** synthetic grease, the company reported a reduction in the number of bearing replacements from 96 to 6 per year. In addition, the use of **Mobilith SHC 460** helped lower bearing operating temperatures by as much as 10°C. Together, these benefits have helped increase equipment availability, maximize productivity, and help generate company-estimated savings of more than US \$66,000 per year.

# \$66,690

In company-estimated annual savings

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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.

\*\*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.

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