

# Mobil SHC™ 629 synthetic gear oil helps processing plant triple its lubricant oil life\*



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## Dinamic Oil GB.45005.FS gear reducer agitators | Mineral processing plant | Cajamarca, Peru

### Situation

A Peruvian mining company operates six Dinamic Oil GB.45005.FS gear reducer agitators at its mineral processing plant. Lubricated with a mineral oil, the agitators were operated with oil drain intervals of 5,000 hours as recommended by the OEM. In an effort to increase productivity and reduce its total cost of ownership, the company approached ExxonMobil engineers for a lubricant solution capable of safely extending oil drain intervals beyond the OEM recommendation.

### Recommendation

After assessing the situation, ExxonMobil engineers recommended switching to **Mobil SHC™ 629** synthetic gear oil. Formulated with high viscosity base fluids and a unique proprietary additive system, **Mobil SHC 629** is specifically designed to provide improved efficiency and outstanding performance in extreme service applications, well beyond the capabilities of mineral oils.

### Impact

After switching to **Mobil SHC 629** synthetic gear oil, the company reports that oil drain intervals have increased from 5,000 to 15,000 hours. Based on the extended performance of **Mobil SHC 629**, the company's maintenance team is considering extending oil drain intervals even further.

### Benefit

The mineral processing plant reports significant financial benefits from the use of Mobil SHC 629 synthetic gear oil, including reduced oil consumption and related maintenance, as well as increased mine productivity.

Company-estimated 2  
year savings of more than  
**US \$36,200**

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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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