

Mobilgear SHC™ 320 synthetic gear oil helps steelmaker extend conveyor gear reducer life*



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Link belt conveyor gear reducers | Steel producer | Michoacan, Mexico

Situation

A Mexican steel producer operates link belt conveyors in its Michoacan facility. Lubricated with a conventional mineral oil, the conveyor's gear reducers were experiencing failures once a year due to the high loads and extreme temperatures associated with the application. In an effort to reduce equipment failures, the company approached ExxonMobil for a lubricant solution designed to enhance equipment reliability.

Recommendation

ExxonMobil engineers recommended switching to **Mobilgear SHC™ 320** high performance synthetic gear oil. Formulated to offer outstanding rust and corrosion protection, **Mobilgear SHC 320** synthetic gear oil helps prevent micropitting to provide enhanced component protection. ExxonMobil engineers also recommended the use of **Mobil Serv™ Lubricant Analysis** to monitor oil and equipment condition on a routine basis.

Impact

After transitioning to **Mobilgear SHC 320** synthetic gear oil, the company has not experienced any gear reducer failures over a two-year period.

Benefit

Mobilgear SHC 320 synthetic gear oil has helped the steel producer increase conveyor reliability, reducing maintenance costs and improving overall plant productivity.

Estimated annual
savings of
US \$650K

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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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