Mobil SHC™

Performance by ExxonMobil

Mobilith SHC™ 220 synthetic grease helps eliminate cooler fan bearing failures for major cost savings*

Energy lives here™

Cooler fan bearings | St. Mary's Cement | Charlevoix, Michigan, United States

Situation

During an ExxonMobil "Fundamentals of Grease Lubrication" training class, Michigan-based St. Mary's Cement indicated they were experiencing two cooler fan bearing failures per year. To address these bearing failures, the company asked ExxonMobil to identify a lubricant solution capable of improving cooler fan reliability.

Recommendation

ExxonMobil engineers recommended switching to **Mobilith SHC™ 220** extreme pressure grease. Formulated with synthetic-based fluids and a high quality lithium complex thickener, **Mobilith SHC 220** is designed to provide superior wear performance and protection from rust and corrosion compared to conventional greases. Additionally, ExxonMobil engineers recommended the company regrease the bearings with one gram every two weeks to avoid overgreasing, which could cause the bearing to overheat.

Impact

After transitioning to **Mobilith SHC 220** extreme pressure grease, St. Mary's plant has not reported any bearing failures. As a result, the plant reduced equipment downtime as well as maintenance downtime by 64 hours.

Benefit

The company reports that **Mobilith SHC 220** extreme pressure grease helped this cement mill achieve significant savings by increasing up-time productivity and reducing maintenance costs and related personnel safety exposure.

Company-estimated savings of

US $313K

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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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