

Mobilith SHC™ 220 synthetic grease helps Mexican manufacturer extend pump bearing life*



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Fuller pump bearings | Building materials manufacturer | Mexico

Situation

A Mexican building materials manufacturer was regularly replacing the roller bearings on a set of Fuller pumps. The pumps operated in extreme conditions and elevated operating temperatures of 248°C (120°F), resulting in 62 bearing failures over the course of 15 months. To improve equipment reliability, the company reached out to ExxonMobil to identify a lubricant capable of providing protection in extreme temperatures.

Recommendation

ExxonMobil engineers recommended switching to **Mobilith SHC™ 220** synthetic grease. Formulated with a wax-free synthetic base fluid and lithium complex thickener, **Mobilith SHC 220** is specifically designed for extreme hot and cold temperature applications. Additionally, ExxonMobil engineers recommended, implementing a regreasing interval schedule.

Impact

Seven months after transitioning to **Mobilith SHC 220** synthetic grease, the company only had to replace 10 roller bearings. The manufacturer also successfully reduced grease consumption and labor costs, while eliminating the need for external fan cooling.

Benefit

The company reports that **Mobilith SHC 220** helped reduce equipment downtime, grease consumption and labor costs to generate US \$25,000 in overall cost savings.

Company-estimated
annual savings of
US \$25K

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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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