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

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.

Company-estimated annual savings of US $25K

*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.

© 2017 Exxon Mobil Corporation. All rights reserved. ExxonMobil shall include Exxon Mobil Corporation and its affiliates. All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless otherwise noted.

mobilindustrial.com