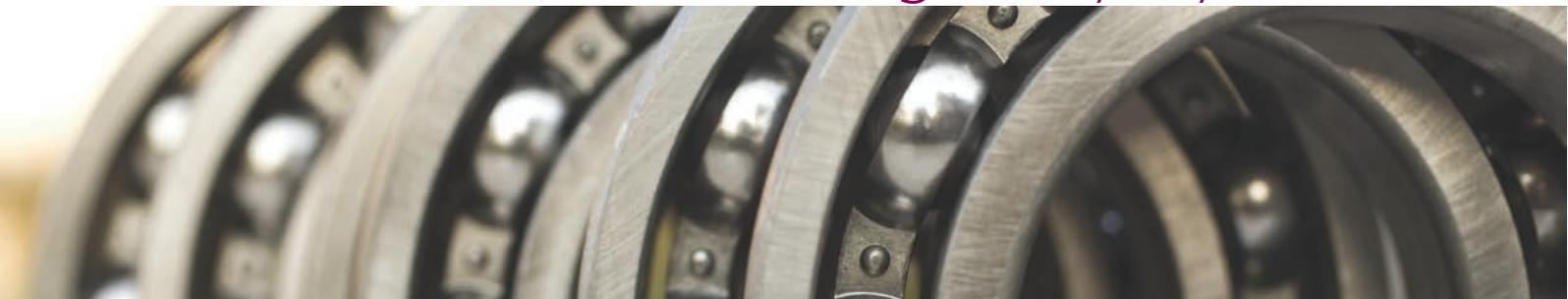


Mobilith SHC 460 helps de-icing products manufacturer extend bearing life by 5 years*



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Hoist bearings | Salt mine - de-icing product manufacturer | Ohio, United States

Situation

An Ohio-based de-icing product manufacturer achieved 32 years of service on its production hoist bearings. These double row spherical roller bearings performed exceptionally well, operating far beyond their planned service period. However, after 32 years, maintenance personnel began observing irregular spikes in operating vibration levels. Hoping to further extend the components' performance lifespan to the next planned outage, the company approached ExxonMobil engineers to determine a lubricant solution capable of preventing equipment failure.

Recommendation

After evaluating the application and conducting an EHL calculation, ExxonMobil engineers recommended transitioning to **Mobilith SHC™ 460** bearing grease. Combining the unique features of synthetic base fluids and a lithium complex thickener, **Mobilith SHC 460** is formulated to protect equipment against wear, rust and corrosion.

Benefit

Mobilith SHC 460 bearing grease has helped this de-icing product manufacturer extend the service life of its hoist roller bearings and reduce total cost of ownership by US \$293,880 according to company-estimates.

Impact

Since making the switch to **Mobilith SHC 460** bearing grease, the company has reported reduced vibration on the hoist bearings and has already seen service life extended another five years, bringing performance lifespan to 37 years. The company estimated its total cost of ownership benefits based on avoided replacement parts, related maintenance and increased plant productivity.

Increased bearing performance lifespan by

5 years

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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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