

Mobilith SHC™ 1500 synthetic grease helps cellulose manufacturer eliminate tail roll bearing failures*



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Power boiler grates - tail roll bearings | Cellulose manufacturing plant | Georgia, United States

Situation

A Georgia-based cellulose manufacturer operates power boiler grates equipped with tail roll bearings that operate at high loads and in extreme temperatures ranging from 149° to 177°C (300° to 350°F). Lubricated with a conventional mineral grease, the bearings were experiencing two to three failures per year while operating in these harsh conditions. In an effort to mitigate component failure and enhance productivity, the company approached ExxonMobil for a lubricant solution capable of providing outstanding component protection under extreme temperatures.

Recommendation

ExxonMobil engineers recommended switching to **Mobilith SHC™ 1500** high-performance synthetic grease. Formulated with a synthetic base fluid and an advanced lithium complex thickener, **Mobilith SHC 1500** is engineered to protect bearings operating in severe applications including high temperatures and high loads as well as in conditions that cause elevated rust and corrosion.

Impact

After making the switch to **Mobilith SHC 1500** high-performance grease, the company was able to eliminate bearing failures and related downtime that had previously occurred 14 times per year. The company also reduced related repair and maintenance work.

Benefit

This cellulose manufacturer reports that **Mobilith SHC 1500** high-performance grease helped improve plant productivity and reduce repair expenses while reducing maintenance crew safety exposure associated with the previous repair work.

Generated company-estimated total savings of

US \$104K

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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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