

Component Failure Eliminated with Mobilith SHC 1500*



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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 operating in an extreme environment of high loads and temperatures ranging between 149°-177°C. Greased with a conventional mineral grease, the bearings were experiencing two to three failures per year due to the harsh operating conditions. In an effort to mitigate component failure and enhance productivity, the company approached ExxonMobil engineers for a lubricant solution capable of providing outstanding component protection under extreme temperatures.

Recommendation

ExxonMobil engineers recommended the company use **Mobilith SHC™ 1500** high-performance synthetic grease. Combining the unique features of synthesized hydrocarbon-based fluids with those of an advanced lithium complex thickener, **Mobilith SHC 1500** is scientifically engineered to exceed the demanding requirements for severe applications at extreme temperatures by providing excellent wear protection and rust and corrosion inhibition.

Benefit

Mobilith SHC 1500 high-performance synthetic grease has helped this cellulose-manufacturer eliminate bearing failures, reduce maintenance downtime and enhance productivity, to deliver a company-estimated total cost savings of US\$104,160.

Impact

After making the switch to **Mobilith SHC 1500** high-performance synthetic grease, the company reports the elimination of bearing failures. According to the company, this change in grease has helped save the company from 14 unscheduled failures, which has also helped reduce maintenance downtime and associated labor costs.

Generated total cost savings of up to
US\$104,160

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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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