

Mobil SHC™ Gear 150 oil helps paper mill avoid re-winder failure*



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Perini Re-Winder with Vogel gearbox | Pulp and paper mill | Georgia, USA

Situation

A Georgia pulp and paper mill operates a Perini 7.6 Sincro Re-Winder in its converting facility. Its primary gearbox was running hot, reaching operating temperatures of more than 200°F (93°C), causing the gearbox lubricant to quickly darken and produce a burning odor. As there was no replacement available for this critical component, maintenance personnel were worried that any mechanical failure could lead to significant unscheduled downtime. With that in mind, they conducted weekly oil analysis and approached ExxonMobil engineers for a lubricant solution capable of extending oil drain intervals and preventing equipment breakdown.

Recommendation

After evaluating the application, ExxonMobil engineers recommended the use of **Mobil SHC™ Gear 150**, a fully synthetic gear oil designed to provide outstanding performance in extreme conditions and resistance to degradation at high temperatures.

Impact

After transitioning to **Mobil SHC Gear 150** gear oil, the company reports reducing operating temperatures by 40-50°F (22-27°C), and achieving four in-service years without draining the lubricant.

Benefit

The company reports that the lower operating temperature and extended oil service interval achieved with **Mobil SHC Gear 150** synthetic gear oil has significantly improved production availability and reduced maintenance costs.

Company-estimated 4 year savings of more than

US \$29,300

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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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