

Mobil™ Paper Machine Oil S 220 synthetic oil helps paper company reduce bearing failure*



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Paper machine bearings | Paper company | Germany

Situation

A paper company operated multiple paper machines with conventional paper machine oil used on the wet-end and dry-end circulation systems. The dry-end bearings were failing due to ineffective lubrication and the wet-end bearings were also failing during severe low-speed operations. In an effort to improve equipment reliability, the paper company approached ExxonMobil to identify a lubricant solution capable of preventing these bearing failures.

Recommendation

ExxonMobil engineers recommended the company switch to **Mobil™ Paper Machine Oil S 220** synthetic circulating oil for both the wet and dry section bearings. Formulated with a very low pour point and high viscosity index, **Mobil Paper Machine Oil S 220** can provide excellent bearing protection under severe operating conditions.

Impact

After changing the wet-end and dry-end lube circulating systems from conventional paper machine oil to **Mobil Paper Machine Oil S 220** synthetic circulating oil, the company reported reduced bearing failure and simplified lubricant inventory. In addition, the company reported extended oil drain intervals, increased energy savings, reduced storage costs, and was able to prevent incorrect product use.

Benefit

The company estimated the net benefits from upgrading its conventional paper machine oils and consolidating its dry and wet-end systems to **Mobil Paper Machine Oil S 220** at US \$73,000 per year.

Company- estimated
annual savings of
US \$73K

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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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