

Mobil SHC™ Polyrex 462 synthetic grease helps global printing company eliminate bearing failures*



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Contiweb dryer | Global printing company | Wisconsin, United States

Situation

A global printing company experienced regular failures on the fan bearings of its Contiweb dryer, which operates at slow speeds and high temperatures. Despite trying several competitive greases, the company suffered from 16 bearing failures per year. In an effort to improve equipment reliability, the company approached ExxonMobil to identify a grease solution capable of protecting fan bearings and avoiding production interruptions.

Recommendation

After analyzing the dryer's grease delivery system, ExxonMobil engineers recommended switching to **Mobil SHC™ Polyrex 462** synthetic grease. Engineered with Polyurea thickener technology, **Mobil SHC Polyrex 462** provides excellent performance at temperatures as high as 170°C (338°F).

Impact

After one year of use, **Mobil SHC Polyrex 462** synthetic grease improved grease pumpability in the company's dryer delivery lines and reduced bearing temperatures by as much as 9°C (15°F), which helped eliminate bearing failures. Based on these results, the company recommended using **Mobil SHC Polyrex 462** in its use worldwide operations.

Benefit

The company reports that **Mobil SHC Polyrex 462** synthetic grease helped eliminate fan bearing failures in its Contiweb dryer, saving them US \$34,000 per year in reduced parts and labor costs.

Company-estimated
annual savings of
US \$34K

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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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