

Mobilith SHC 100 synthetic grease helps German paper company reduce bearing damage*



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Motor bearings | Paper company | Germany

Situation

A German paper company operates electric motors whose bearings were lubricated for years with a grease meeting the DIN KP2N-20 specification. The motors experienced oil ingress into the winding space due to oil bleeding, and cage creep was identified by vibration measurements. The company experienced more than €250,000 of bearing damage and approached ExxonMobil engineers to explore alternative greases.

Recommendation

ExxonMobil engineers recommended a grease compliant with the OEM-preferred DIN-KP3N-20 specification. They recommended **Mobilith SHC™ 100** synthetic grease, initial fill for many electric motors. **Mobilith SHC 100** has a high quality lithium complex thickener for reduced oil bleed deposits and longer lubrication intervals. It's synthetic ISO VG 100 base oil is suited to high speed motors, providing low starting torque and excellent performance in very cold or hot temperatures. The grease provides robust wear protection in boundary lubrication conditions and where high sliding friction is present in bearings with rims.

Benefit

The company reports **Mobilith SHC 100** synthetic grease helped it reduce bearing damage and lower maintenance costs to deliver a company-estimated annual savings of approximately €100,000.

Impact

Since making the switch to **Mobilith SHC 100** synthetic grease, the company reports that it has eliminated bearing damage and prevented the formation of oil-deposits on the windings.

€100K

In company-estimated annual savings

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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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