

Mobilith SHC™ 1500 synthetic grease helps reduce grease consumption and improve gear coupling reliability*



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Gear coupling | Coal mine | Germany

Situation

A coal mine operates gear couplings that required frequent re-greasing. The couplings were lubricated with a conventional NLGI 0 grade grease with an ISO 220 VG base oil. The grease was bleeding out of the couplings and contaminating the roller stands and rolled material. As a result, the company had to re-grease its couplings every 14 days. In an effort to improve reliability, the company approached ExxonMobil to identify a grease solution capable of extending re-greasing intervals and minimizing grease consumption.

Recommendation

ExxonMobil engineers recommended switching to **Mobilith SHC™ 1500** synthetic grease. Formulated with high viscosity index base oils and a lithium complex thickener, **Mobilith SHC 1500** provides excellent adhesion, structural stability and resistance to water.

Impact

After transitioning to **Mobilith SHC 1500** synthetic grease, the company was able to extend re-greasing intervals from 14 days to 90 days, as well as significantly reduce grease contamination of the roller stands and rolled material.

Benefit

The company reports that **Mobilith SHC 1500** helped eliminate coupling damage and contamination and reduce total grease consumption.

Extended re-greasing intervals by more than
6x

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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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