

Mobilgrease XHP 221 helps bottling plant reduce breakdowns and grease usage*



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Cemco fillers - conveying bearing system | Bottling plant | Missouri, United States

Situation

A Missouri bottling plant operates two Cemco fillers, running approximately 8,000 hours per year. The units are equipped with conveying bearing systems, which are lubricated with extreme pressure grease. Operating in wet conditions with frequent wash-downs, the filler system experienced a number of problems, with some components lacking lubrication and other having abnormally high grease consumption. To address these issues, the filling department approached ExxonMobil engineers for an alternative lubricant solution capable of improving reliability and reducing grease costs.

Recommendation

After evaluating the bearing system and operating environment, ExxonMobil engineers recommended transitioning the filler systems to **Mobilgrease XHP™ 221** bearing grease. Formulated with state-of-the-art lithium complex thickener technology, **Mobilgrease XHP 221** is designed to provide exceptional water wash-off resistance and deliver extended protection against rust and corrosion.

Benefit

The company reports that **Mobilgrease XHP 221** bearing grease has helped reduce grease consumption by 77 percent and mitigate unscheduled downtime on filler units.

Impact

After four years in service, **Mobilgrease XHP 221** bearing grease continues to successfully endure extreme operating temperatures and rigorous production schedules, while also resisting aggressive water washdowns and preventing grease line clogging and potential equipment breakdown. The company also reports significantly reducing unscheduled downtime and lowering grease usage from 46,160 lbs to 10,480 lbs. In addition, safety was improved with less residual grease around the machinery.

Customer-estimated annual savings of US

\$61,144

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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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