

Mobilgrease XHP 222 bearing grease helps enhance equipment protection and prevent unscheduled downtime*



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Steam scrubber and pasteurizer bearings | Brewery | Shaanxi, China

Situation

A Chinese brewery lubricated the KFC bearings of its steam scrubbers and pasteurizers with a competitive EP2 grease. Due to the equipments' harsh operating conditions, grease oxidation and emulsification developed over time, resulting in bearing damage and unscheduled downtime. As a result, the company's maintenance personnel approached ExxonMobil engineers for an alternative lubricant solution capable of enhancing equipment protection.

Recommendation

Based on elastohydrodynamic (EHL) calculations, ExxonMobil engineers recommended transitioning to **Mobilgrease XHP™ 222** bearing grease. Formulated with lithium complex thickener technology, **Mobilgrease XHP 222** is engineered to provide excellent high temperature performance with superb adhesion, structural stability and resistance to water contamination. ExxonMobil engineers also recommended supplementing the brewery's outstanding maintenance practices with a comprehensive program of **Mobil Engineering Services**.

Benefit

The company reports that **Mobilgrease XHP 222** bearing grease has helped enhance equipment protection and prevent unscheduled downtime to generate an estimated annual savings of US \$13,813.

Impact

After transitioning to **Mobilgrease XHP 222** bearing grease and implementing **Mobil Engineering Services**, the company has reported a number of performance benefits, including reduced bearing damage, less unscheduled downtime, and streamlined lubrication and maintenance costs.

Customer-estimated annual savings of more than
US \$13.8K

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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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