

Mobilgrease XHP 222 helps Colombian oil E&P company prevent pumping unit bearing failures*



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Lufkin and American crank balanced pumping units | Oil exploration and production company | Huila, Colombia

Situation

A leading Colombian oil exploration and production company operates Lufkin and American crank balanced pumping units at its crude oil well in Huila. The pumping units' intermediate shaft bearings were experiencing frequent failures, as water contamination would cause the grease used in the bearings to lose its consistency. In an effort to reduce maintenance downtime, the company approached ExxonMobil engineers for an alternative lubricant solution capable of enhancing equipment protection and extending performance lifespan.

Recommendation

After performing a comprehensive equipment lube survey, ExxonMobil engineers recommended transitioning to **Mobilgrease XHP™ 222** bearing grease. Designed with lithium complex thickener technology, **Mobilgrease XHP 222** is formulated to provide exceptional adhesion, structural stability and resistance to water contamination.

Benefit

The company reports that **Mobilgrease XHP 222** bearing grease has helped reduce bearing failures and prevent unscheduled maintenance downtime on its crude oil pumping units.

Impact

Since transitioning to **Mobilgrease XHP 222** bearing grease, maintenance personnel have successfully reduced bearing failures from an average of 14 to one per year. This has helped reduce equipment downtime by an estimated 300 hours and lower spare parts purchasing costs.

Customer-estimated annual savings of US

\$38,000

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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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