

Mobilgear SHC™ 22M synthetic gear oil helps cement plant save more than US \$40,000*



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ACL and Humbolt kiln open gears | Ash Grove Cement | Louisville, Nebraska, United States

Situation

Ash Grove Cement had been lubricating the open gears of its two kilns with an asphalt-based oil. Looking to optimize equipment performance and reduce lubricant consumption, the company reached out to ExxonMobil for an alternative lubricant solution.

Recommendation

ExxonMobil engineers recommended transitioning to **Mobilgear SHC™ 22M** ultra high viscosity synthetic gear oil, designed specifically for use in heavily loaded, low speed open gears where they it offers low-temperature fluidity and can be pumped over long distances and used in standard spray application equipment. Additionally, ExxonMobil engineers recommended using recycled **Mobilgear SHC 22M** for drive chain lubrication to get a second use out of the oil, thereby reducing expensive disposal costs.

Impact

After transitioning to **Mobilgear SHC 22M** synthetic gear oil, Ash Grove Cement has experienced a substantial reduction in nozzle plugging, gear buildup, and disposal. These benefits have helped increase spray intervals between relubrication periods, generating a company estimated annual savings of US \$41,990.

Benefit

The company reports that **Mobilgear SHC 22M** synthetic gear oil has helped Ash Grove Cement optimize the reliability of its cement kilns by streamlining maintenance and reducing total lubricant consumption.

Decreased lubricant consumption by
75%

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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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