

# Mobil Serv<sup>SM</sup> Engineering team helps steel manufacturer extend roll mill stand bearing life and reduce maintenance costs



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## Roll mill bearings | Steel Manufacturer | Alabama, United States

### Situation

An Alabama steel manufacturer operates a roll mill stand that utilizes several greased bearings. While using a lithium based grease in its bearings, the manufacturer experienced two bearing failures per year due to corrosion and rust. When roll mill bearings fail, the bearing requires replacement and the chock must be repaired - an expensive and laborious process. Looking to streamline and reduce maintenance costs, the manufacturer reached out to its distributor McPherson Oil Products and the **Mobil Serv<sup>SM</sup> Engineering** team to help reduce roll mill bearing failures.

### Recommendation

The **Mobil Serv Engineering** team, alongside the steel manufacturer's distributor McPherson Oil Products, recommended the company switch its bearing grease to **Mobil Centaur XHP™ 462** steel mill grease. Offering excellent extreme-pressure protection for equipment with high loads, reliable high temperature oil bleed control and high water washout resistance and water absorption, **Mobil Centaur XHP 462** steel mill grease is well suited for extreme operating environments.

### Impact

By switching to **Mobil Centaur XHP 462** steel mill grease, the steel manufacturer reports reducing its roll mill stand bearing failures by 50%, which helped generate company-estimated savings of US \$50,000 annually related to maintenance and repairs costs.

### Benefit

By working with the **Mobil Serv Engineering** team and McPherson Oil Products, the steel manufacturer was able to switch its roll mill bearing grease to **Mobil Centaur XHP 462** steel mill grease, which helped reduce bearing failures by half and generated company-estimated savings of US \$50,000.

Company-estimated  
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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. In this document, ExxonMobil means Exxon Mobil Corporation or one of its affiliates.

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