



Mobil Centaur XHP 461 Helps Iron & Steel Mill Overcome Rigorous Conditions to Improve Operational Efficiency, Generating an Annual Savings of USD \$3,650

**RM1 Rough Mill Bearings
Iron & Steel Mill
Turkey**

Situation

A Turkish iron and steel mill operates a series of rough mill bearings on demanding schedules in harsh operating conditions. A previous lithium complex soap grease struggled to endure excess water exposure on roll necks. When that grease was replaced with an alternative lithium complex soap grease that included solid lubricants, maintenance personnel were forced to dramatically increase lubricant consumption to overcome similar issues. Mill personnel enlisted ExxonMobil to determine an alternative grease capable of withstanding water exposure, extreme temperatures and rigorous workloads.

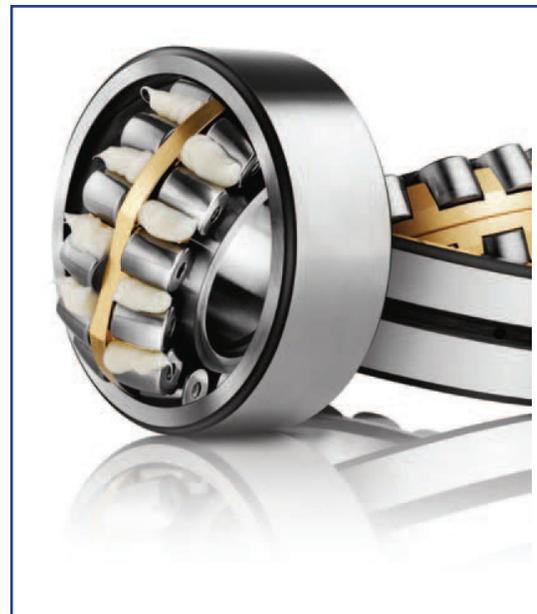
Recommendation

After discussions between ExxonMobil field engineers and the company's Mechanical Engineering team, ExxonMobil engineers recommended **Mobil Centaur™ XHP 461** bearing grease. Formulated with advanced calcium sulfonate thickener technology, **Mobil Centaur XHP 461** is equipped with exceptional water washout resistance and high load carrying capacity.

Result

In only two months after transitioning to **Mobil Centaur XHP 461** bearing grease, maintenance personnel were able to reduce grease consumption by 76 percent. Furthermore, inspections revealed that while excess water remained present in the equipment, the bearings were still fully greased as the grease maintained mechanical stability. Through enhancing lubricant efficiency and preventing equipment downtime, **Mobil Centaur XHP 461** helped generate an annual savings of USD \$3,650.

The product performance of **Mobil Centaur XHP 461**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



Mobil Centaur XHP 461 bearing grease helped this iron and steel mill improve lubricant efficiency despite demanding loads and extreme conditions, generating an annual savings of USD \$3,650.

For more information on Mobil™ industrial lubricants and services, call your local company representative or visit mobilindustrial.com.

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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.