

# Mobil Centaur XHP 461 grease helps a steel mill reduce grease consumption by 40%\*



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## Continuous Casting Machine | Steel mill | Finland

### Situation

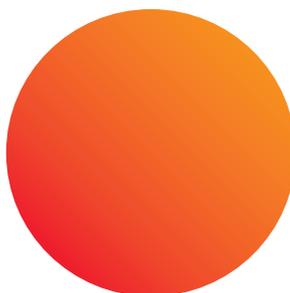
A Finnish steel mill has lubricated its continuous casting machine bearings with a competitor's conventional grease using a centralized grease distribution system. The customer experienced bearing failures and grease build-up on the equipment and nearby floors due to the over-greasing, creating a housekeeping challenge and potential slip hazard.

### Recommendation

In order to reduce bearing failures and grease consumption, ExxonMobil recommended **Mobil Centaur<sup>™</sup> XHP 461** grease with calcium sulfonate thickener and optimal re-greasing instructions. **Mobil Centaur XHP 461** provides a balanced combination of water washout and water spray-off resistance, as well as excellent corrosion protection, in severely wet environments.

### Benefit

After converting to **Mobil Centaur XHP 461**, no bearing failures were detected and grease consumption decreased by 40%. The customer also benefited from reduced grease leakage around the casting machine.



**less grease consumption**

### Industrial Lubricants



**Advancing Productivity<sup>™</sup>**

### Safety

By avoiding grease leakages on the floor, customer has decreased the risk of maintenance personnel slipping around the continuous casting machines.

### Environmental Care

Reduction of leaking grease and maintenance supplies has helped decrease oily waste generated for disposal\*\*.

### Productivity

Reduction of damaged bearings, grease consumption and maintenance created savings approximately US\$6,600.

\*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.

\*\* Visit [mobilindustrial.com](http://mobilindustrial.com) to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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