

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™ 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™

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.

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