

Mobil Vacuoline 525 circulating oil decreases oil consumption by 50%*



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SKET 150 Hot Rolling Mill | Severstal Cherepovets Steel Mill | Russia

Situation

Located in Russia, the Severstal Cherepovets Steel Mill is one of the world's largest integrated steel mills. The mill had used a competitor's oil in the circulation system of the hot rolling mill. Plain bearings were frequently damaged. Bearing wear, emulsion problems and deposit formation increased bearing temperatures, leading to a reduction of rolling speed.

Benefit

During 3 years of successful service, **Mobil Vacuoline 525** helped the customer decrease their oil consumption by 50%, eliminating lubricant-related bearing failures. The customer no longer experienced emulsion problems, oil deposit formation or equipment corrosion.

Recommendation

ExxonMobil recommended **Mobil Vacuoline™ 525** circulation oil, with excellent water separation performance and anti-wear properties. The **Mobil Vacuoline™ 500 Series** of lubricants are high performance heavy duty circulating oils designed for steel mills.



less oil consumption

Industrial Lubricants



Advancing Productivity™

Safety

Reduced maintenance, as a result of the extended maintenance intervals and elimination of bearing damage, has helped reduce employee interaction with equipment and diminish associated injury risks.

Environmental Care

Reduction in oil consumption, bearing replacements and filter changes has helped decrease waste generated for disposal**.

Productivity

Customer experienced increased equipment availability, reduced annual oil consumption and lower maintenance and oil disposal costs.

*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 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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