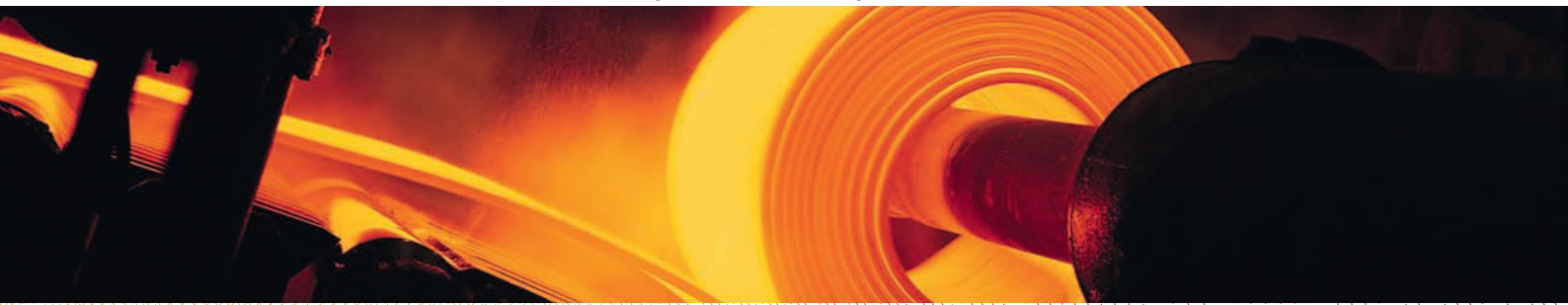


# Mobil Vacuoline 525 circulating oil helped decrease oil consumption by 50%\*



Energy lives here™

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

### Situation

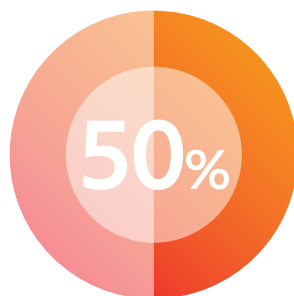
Located in Russia, the Severstal Cherepovets Steel Mill is one of the world's largest integrated steel mills. The mill had used a competitor's oil in the circulation system of the hot rolling mill. Plain bearings were frequently damaged. Bearing wear, emulsion problems and deposit formation increased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