



Mobil Vacuoline 525 Helps Steel Mill Improve Water Separation, Enhance Productivity and Reduce Equipment Downtime, Generating an Annual Savings of More Than USD \$57,000

**Rolling Mill SKET 150
Steel Mill
Ukraine**

Situation

A Ukrainian steel mill lubricated the oil film bearings of its finishing blocks with **Mobil Vacuoline™ 525** circulating oil, before a lubricant supplier recommended transitioning to a competitor ISO VG 100 ashless oil. Almost immediately, the competitor conventional oil demonstrated poor water separation, emulsion formation and unchecked contamination, which all led to an increase in bearing failures. Mill ownership approached ExxonMobil to determine a solution for improving lubricant performance and reducing equipment downtime.

Recommendation

ExxonMobil recommended transitioning back to **Mobil Vacuoline™ 525** circulating oil. Formulated from high quality basestocks and a proprietary additive system, **Mobil Vacuoline 525** is designed to provide enhanced water separation and outstanding anti-wear properties.

Result

After transitioning back to **Mobil Vacuoline 525** circulating oil, the customer observed a noticeable ability to fully and rapidly separate up to 10 percent more water. The enhanced lubricant performance increased productivity by 48 hours per year, generated an annual energy savings of USD \$10,200 in less use of centrifuge separators and reduced annual bearing replacement costs by USD \$47,500.

The product performance of **Mobil Vacuoline 525**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



***Mobil Vacuoline 525** circulating oil helped this steel mill improve water separation and enhance productivity, generating an annual savings of USD \$57,700.*

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.