

# Mobil Unirex N2 grease helps Chinese steel maker save US \$7,624 annually\*



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## Wuhan Weite electric motor bearing | Bayi Steel Co. Ltd., Baosteel Group | China

### Situation

Bayi Steel Co. Ltd. is a large-scale steel manufacturer in Xinjiang with 3.5 million tons of production capability per year. The key equipment in the factory is the straightening machine, which operates under severe conditions of high temperatures and humidity. The electric motors that provide power to the straightening machines were lubricated with a molybdenic sulfide lithium-based grease that was not providing sufficient protection, causing the electric motors to be replaced every three months. The company approached ExxonMobil engineers for a better grease solution.

### Recommendation

The ExxonMobil lube engineer recommended **Mobil Unirex™ N2** grease to lubricate the bearings of the electric motors. In addition, the engineer recommended the use of **Mobil Engineering Services**, including on-site inspections and technical clinics.

### Benefit

The company reports that **Mobil Unirex N2** grease has helped it reduce the frequency of grease change intervals and unscheduled downtime, and improve productivity. These benefits provided savings estimated by the company at US \$7,624.

### Impact

Since making the transition to **Mobil Unirex N2**, the company reports that the electric motors have been operating flawlessly and service intervals have been extended from three to nine months.

Grease re-lubrication intervals  
extended by

3x

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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.

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