



## TRC CUSTOMER: GERDAU STEEL

**Type of Business:** Steel I-Beam & Rebar Production

Facility includes Large Section Mill, Medium Section Mill, Bar Mill, Melt Shop and Recycled Steel Salvage

**How Long in Business:** 120 Years

**Number of Years as a TRC Customer:** Two

**Equipment Make & Model:** Horsburg and Scott Custom Steel Mill Gearboxes. Capacity 300 gallons of Synthetic 320 Gear Oil

**Hours of Operation:** Each day 24/7

**Problems Associated with the Application:** High Heat and High Stress Loads

**Previous Product(s) Used in Application:** DuBois USIL 320 and Shell Omala S3 GXV 320

**TRC Product Now Being Used in Application:** Synthetic Industrial Gear Oil ISO 320

**Customer Cost Savings with TRC:** At this point, TRC has lowered the gearbox temperatures an estimated 10-20 degrees Fahrenheit. Due to superior lubrication protection, the overall sound of the gearbox in operation has lowered an estimated 20-30 decibels. These gearboxes drive the I-Beam forming rollers. They have 8-10 gearboxes operating simultaneously down the line depending on the size and contours to form the I-Beam from a solid steel billet. Five of the gearboxes are now running TRC's oil. TRC Synthetic Industrial Gear Oil's ability to separate completely from water is also a plus in this extremely wet environment in the mill. Downtime has been reduced, which has provided a significant cost savings with TRC's product.



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