TIMKEN

TIMKEN ENGINEERING SOLUTIONS SAVED CUSTOMER MORE THAN $160,000

CHALLENGE

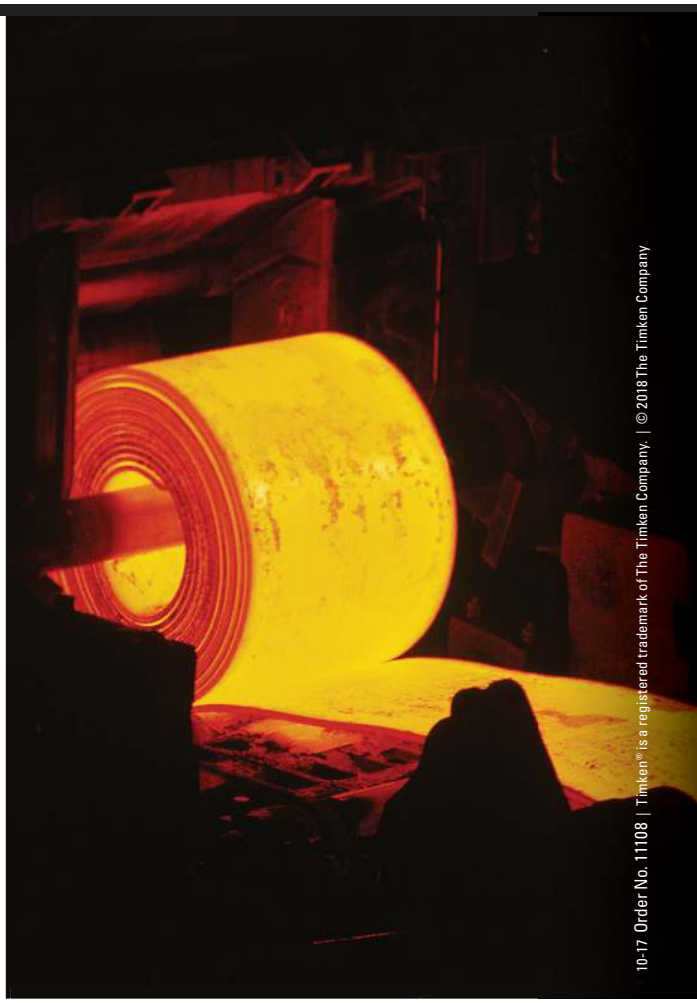
A steel products producer was challenged with limited flange block bearing life in its hot roll transfer line. Due to bearing replacement four times annually, the company sought an alternative solution to eliminate replacement and downtime costs.

TIMKEN SOLUTION

The Timken engineering team analyzed the specific operating conditions of the application and identified the need for more robust protection. The team proposed steel SAF split pillow blocks, along with supplementary high-temperature lubricant and end covers to extend each bearing's life to a full year.

RESULTS THAT MATTER

- Improved bearing life span
- Higher performance with supplemental lubricant and end covers
- A total of $160,200 in savings



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COMPETITOR'S FLANGE BLOCK REPLACEMENTS **800** VS TIMKEN SAF PILLOW BLOCK REPLACEMENTS **200**

DOCUMENTED SAVINGS FROM THE DROP IN REPLACEMENT PURCHASES = **$160,200**



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, brakes, clutches, chain, couplings, gears and related mechanical power transmission products and services.