

SUCCESS STORY

Rapid Chain Elongation on a Rotary Drum Furnace

\$15,500

IN COST SAVINGS



PROBLEM

Our customer, one of the most prominent players in the aluminum billet industry, was having issues with its rotary drum furnace. The aluminum billet producer was experiencing rapid chain elongation and the odd breakage every 6-8 months on the 200RB chain installed on its rotary drum furnace.

The customer was exhausted from constantly having to repair the chain and reached out to the Tsubaki Technical Solutions Team for a permanent solution that would increase wear life.



SOLUTION

After investigating the scenario, we recommended the heavy series of our new Titan Series Chain.

Tsubaki's heavy series chain would address the odd breakage, resulting in a 20% increase in strength, and our Titan Series' innovative hard-chrome plated pins would address elongation and inability to lubricate due to high temperature.

The hard-chromed plated pins have ultra-smooth surfaces and are extra hard, reducing friction on the pin/bearing area while providing extra strength and prolonging wear life.

The recipe Tsubaki suggested ran on the application for four years without encountering any breakage, resulting in cost savings of over \$15,500.