



DRIVEN BY POSSIBILITY™

CONVEYOR CASE STUDY:

POLY CHAIN® GT® CARBON™

Business Problem

Our customer was experiencing several issues related to frequent maintenance and replacement of rusty chain and sprocket components on their beverage production conveyor lines—such as unnecessary costs, frequent downtime, excessive noise and lubrication messes.

What was missing?

A complete product and service solution that would provide longevity and confidence compared to what they were currently using. Our customer needed a solution that did not require the hassle and expense of maintenance and replacement due to messy roller chain and corroded sprockets.

The Gates Solution

Following a survey of their chain drives, we urged our customer to consider a rust-free drive solution. Gates stainless steel and nickel-plated hardware would solve the root cause of their problem. We also recommended they convert their roller chain to Gates Poly Chain® GT® Carbon™ belt, which requires little maintenance. It does not require lubrication therefore it reduces the risk of potential product contamination. These solutions will virtually eliminate the maintenance costs, noise, lubrication and mess they were dealing with.

The Outcome

Converting their existing roller chain drives to rust-free Gates Poly Chain® belt with stainless steel sprockets tripled the average time between failures. This dramatically improved performance and reduced costs previously incurred by heavy maintenance schedules and downtime. The conversion helped to save the facility roughly 75% on their annual drive maintenance costs.

CONVERT **ONE** ROLLER CHAIN DRIVE TO GATES
AND SAVE OVER **ONE** THOUSAND DOLLARS IN
THE FIRST YEAR.



END MARKET INDUSTRY

- Beverage

APPLICATION

- Conveyor Lines

PAIN POINT

- Standard #50 roller chain and sprockets

