



# CASE STUDY

## PROCESS, SPECIALTY

### INDUSTRY

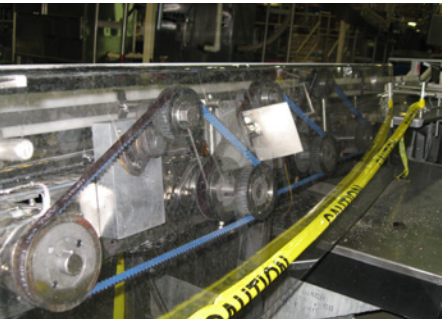
› Bottling

### APPLICATION

› Conveyor that fed bottles into a production line for labeling

### ORIGINAL DRIVE DESCRIPTION

› #60 Roller chain drive

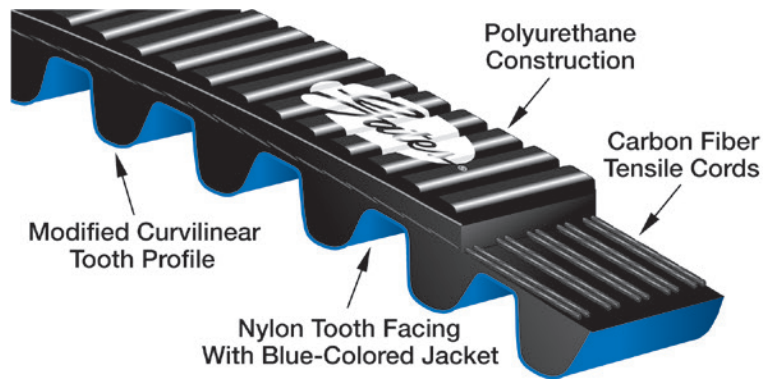


### Problem

The chain stretched unevenly, causing variations in length and speed of the conveyor. This caused the bottles to pile up and break. As a result, the entire line had to be shut down so the chain could be retensioned, which caused downtime, maintenance, and scrapped product costs to skyrocket.

### Solution Drive Description

Poly Chain® GT® Carbon™ drive



### Benefits of Gates Drive

The Gates drives eliminated stretching so speeds were consistent, which in turn eliminated scrapped product and downtime. The maintenance costs associated with the roller chain such as lubrication and retensioning were also eliminated. All together, the company saved over \$300K per year with the maintenance free Poly Chain GT Carbon drive.

SUBMITTED BY: JEFFREY PORTELLI

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