



CASE STUDY PROCESS, SPECIALTY

INDUSTRY

› Bottling

APPLICATION

› Bottle rinser

ORIGINAL DRIVE DESCRIPTION

› Dual drives, each consisting of #60 roller chain and two 18 tooth sprockets

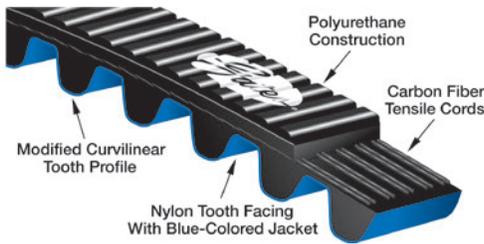


Problem

Chain wear and stretch caused bottles to fall to the floor, resulting in significant production loss. Chain vibration caused stress and eventual failure of bearings, and they had to be replaced too often. The plant was also having issues with grease and rust accumulating on the chain.

Solution Drive Description

Poly Chain® GT® Carbon® system with two opposing drives consisting of 8MGT-800-36 belts and two 8MX-50S-36 stainless



Benefits of Gates Drive

The Gates drive eliminated maintenance issues with no more rust, grease or dirt, reduced vibration, doing away with bearing failures, and reduced chain wear and stretch to stop the falling bottles. With all the improvements, the company saved over \$175K in the first year alone.

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