



PRODUCT SOLUTION: TIED DOWN WITH CHAIN

> Daily Grind

A paperboard manufacturing plant was running approximately 2000 roller chain drives on multiple conveyors lines. In order to keep product moving through the process, one full time maintenance person was tasked with keeping all of the drives lubricated.

> Costly Replacement

Every three to six months production came to a halt as the chain needed to be replaced due to stretching and sagging. The maintenance team came together to tackle this gigantic task. At a cost of \$8,000 per hour of downtime roller chain was compromising the bottom line.



Conveyor line must constantly be lubricated and is replaced every 3 to 6 months.

> Product Solution

The maintenance manager was looking for a way to free up maintenance personnel for other issues around the facility. The solution was a Gates Poly Chain® GT® Carbon® belt drive system. Poly Chain GT Carbon belt drives do not require lubrication. The belt carbon tensile cord is stronger than steel making it extremely length stable.



A synchronous belt drive provides a low maintenance solution

> A Clean Start

Immediately one full time maintenance worker was freed up from his task of keeping the roller chains lubricated and utilized for other projects around the facility. Poly Chain GT Carbon belts are being replaced, on average, once every five years. This translates to 10x less downtime, 10x fewer maintenance hours and unbelievable savings.

