



## CASE STUDY

### End Market Industry

Paper Mill

### Application

Re-chipper  
110kW @ 1485rpm

### Original Components

Belts = 10 x SPB3750 Challenge V-belts  
DriveR Pulley = 10/SPB280  
DriveN Pulley = 10/SPB650



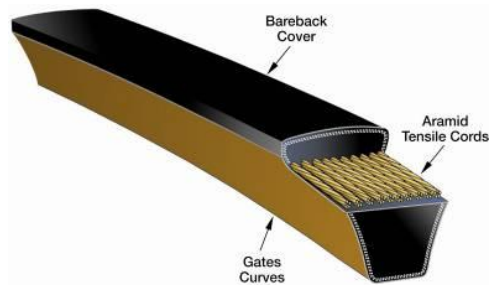
### Problem

The existing belts were stretching, slipping and only lasting 2 months. A blockage in the chipper had caused the belts to slip severely and ignited sawdust beneath the drive starting a fire.

Downtime costs are \$30,000 per hour.

### Solution Description

Belt = 10 x SPC3750P Predator® V-belts  
DriveR Pulley = 10/SPB280  
DriveN Pulleys = 10/SPB650



### Benefits of Gates Product

Predator® belts were installed and lasted 12 months without any maintenance or retension required. The bare back cover of the Predator® belts allow them to slip during blockages without burning or damaging the belts.

With belt changes taking approximately 2 hours per set, the potential downtime costs saved is \$300,000 per year.

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