

# SUCCESS STORY

## BLUE POWER



### INDUSTRY

Pulp and Paper

### APPLICATION

Debarker Mill

### COMPANY PROFILE

Pulp Processing Plant

#### PROBLEM

A large pulp processing plant was experiencing belt failure on their debarker drive after just 6 months. The drive was using four 3/8V2240 banded kevlar cord v-belts but the belts were unable to handle the shock loads and high belt speeds of the drive causing them to stretch and slip. An additional banded v-belt was added to try to resolve the issue, but this caused catastrophic bearing wear from the added shaft load.

#### SOLUTION

Four BLUE POWER 3/8V2240 Kraftbands

#### RESULTS

Optibelt BLUE POWER was used as a direct replacement for the initial design. The improved grip strength of BLUE POWERs rubber impregnated cover fabric and the support of specially treated kevlar cord solved the issues with slippage and provided more than 2X the belt life.

BLUE POWER proved more than capable of transmitting the 800HP debarker drive and calculations ran by Optibelt engineers showed the drive's service factor shot up to over 2.3!