

Gates Belts available from:



## CASE STUDY



Rydell Industrial (Belting) Co

[www.rydell.com.au](http://www.rydell.com.au)

### End Market Industry

Quarry

### Application

Twin drive cone crusher  
185kW @ 1440rpm x 2 motors

### Original Components

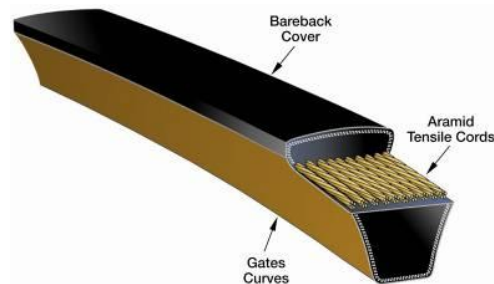
Belts = 12 x SPC4500 Optibelt Red  
Power II V-belts  
DriveR Pulleys = 6/SPC375  
DriveN Pulley = 12/SPC375 (made to order)

### Problem

A major Australian quarry was experiencing problems with their current drive system. Existing belts were only achieving a short service life (6 months maximum), due to badly worn belts, pulleys and loose belts. The drive components required replacement.

### Solution Description

Belts = 8 x SPC4500P Predator® V-belts  
DriveR Pulleys = 8/SPC375  
DriveN Pulley = 8/SPC375



### Benefits of Gates Product

The drive has now been running for over 12 months without adjustment. The Kevlar® tensile cords inside the Predator® belts allow shock loads to be dealt with easily and tension is maintained to provide constant crushing.

Due to narrower standard pulleys and a decreased number of belts the quarry saved over \$6000 on installing this new Predator® belt drive.

This doesn't even include reduced downtime and maintenance costs.

Submitted by: Neil Thomson

[www.GatesAustralia.com.au/casestudies](http://www.GatesAustralia.com.au/casestudies)

