

# Case Study

## Cooper Split Roller Bearings



### INDUSTRY

Quarry

### PROBLEM

A large conveyor change out the head drum bearings every year. Not a simple task for the maintenance crew not to mention the constant risk of breakdown and the full day shut that comes with it.

Problem 1: inferior sealing leads to ingress of contaminants and premature bearing failure.

Problem 2: bearing change out requires a full day shut, removal (and possible damage) to a shaftmount gearbox and other components.



### APPLICATION

Conveyor

### SOLUTION

BSC recommended Cooper Split Bearings with superior seals will last longer and allow, faster easier change out, without the need to remove other components on the shaft, re-align pulleys or risk of gearbox damage.

### BENEFIT

The customer made his purchase after his own cost saving calculation came to over \$145,000. These savings figures are generated from extended bearing life and reduced maintenance downtime. But cost savings were not the only reason the customer went with this solution. He placed great value on peace of mind. Cooper Split Bearings limit his exposure to expensive down time.

