



CASE STUDY REPORT

Industrial Mining & 6' Gaskets

Location:

British Columbia, Canada

Industry:

Mining

Scope:

Remove 6' rubber gasket without damaging outer steel shell of roller mill.

Summary

A 6' rubber grommet became jammed in a 40' roller mill for one of our Industrial Mining clients. Our team was tasked with removing the grommet without damaging the steel shell of the trunnions and roller mill.

We utilized 8" tires to ensure that the waterjet cutters would not impact the steel shell and used a mounted magnetic track cutter. The application of waterjet cutting took 8 hours to complete the job compared to the traditional 40 hour practice of using saws.

Highlights

- 8 hour turn-around removing 6' rubber gasket from roller mill
- Zero damage incurred to the steel shell of the roller mill and trunnions

Measurable Value Added

- 80% more efficient than traditional saw method of cutting gaskets
- Client saved approximately 4 million in loss-of-production time due to NuWave requiring only one day to complete the contracted work
- 50% savings in cost of services