

# Case Study

## Spherical Roller Bearing



### INDUSTRY

Mining

### PROBLEM

A large gold and copper mine in NSW is undertaking an expensive project at \$545M and comprises construction of the block cave, extension of the existing underground bore handling system, two new primary underground crushers, automated remote loaders and modifications to the processing plant by adding additional secondary crushing and regrind facilities.



### APPLICATION

Gold & Copper Mines

### SOLUTION

BSC were asked to identify opportunities to minimise capital expenditure in the area of critical transmission spares. The BSC team have been working with Cadia Valley engineering staff to cross-reference OEM items to standard production lines.

### BENEFIT

On the Pittman Arm shaft bearings alone BSC has achieved a direct materials spend saving of \$94,000 utilising Schaeffler (FAG) spherical roller bearing production capacity.

