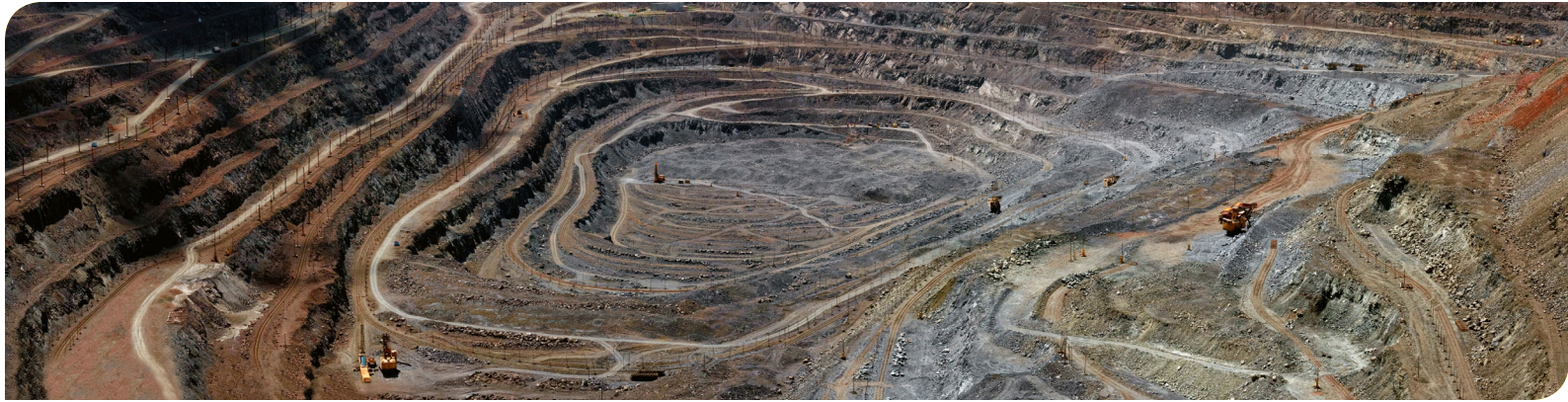




Industry: Mining

- A mining company experienced contamination due to buildup on Bearings.
- *Martin* delivered a Made-to-Order Pulley to reduce buildup.

Documented Cost Savings - \$75,000



Product

Martin manufactures Heavy-Duty Conveyor Pulleys offering maximum protection against premature wear in harsh environments. Our product line is available as stock or made-to-order with exceptional delivery times.

Martin provides pulleys for a wide variety of applications. Some special Pulleys include Dead Shaft Pulleys, Roller Bearing insert Pulleys, Elevator Pulleys, and Stainless Steel Pulleys.

Common Applications

Aggregate and Cement, Mining, Pulp and Paper, Lumber and Forestry.

Challenge

- A mining company faced issues with contamination due to the buildup of iron ore on a Pulley Assembly, especially at the Bearings.
- The Pillow Block style of bearing lacked the appropriate seal to effectively prevent contamination, which lead to frequent failures, expensive downtime and replacement costs.

Solution

- *Martin* delivered a drop-in replacement Dead Shaft Pulley that significantly reduced the Bearing exposure to contaminants.
- The drop-in solution featured pedestals custom built to match the bolt centers of the current Pillow Block Bearings for a seamless replacement that

required no change to the existing structure.

Impact

- *Martin*'s Dead Shaft Pulley significantly reduced the company's downtime and recurring replacement costs. The total calculated savings for the iron ore mining company totaled at \$75,000.



Bottom-Line Results

Downtime Avoidance

(Reduced Downtime = \$75,000)

Documented Cost Savings

\$75,000

Learn more about *Martin* and Heavy Duty Conveyor Pulleys at:

www.martinsprocket.com - 817.258.3000