



BEATING THE CLOCK: TIMKEN SOLID-BLOCK MOUNTED BEARINGS END DOWNTIME DRAG AT COAL MINE

CHALLENGE

A major metallurgical coal mine in British Columbia faced an urgent disruption. Its apron feeder—central to moving raw coal—was offline. With every hour of downtime costing \$80,000, the stakes were high. The mine’s existing mounted bearing assembly had failed twice in May 2025, threatening production targets and profit margins. Standard replacements weren’t fast enough to meet the critical time constraints.



\$1.92M CAD
24 HOURS
SAVED

TIMKEN SOLUTION

Timken responded with speed and precision, interchanging the competitor split mounted bearing assembly with the Timken® Solid Block Mounted Spherical Roller Bearing. By leveraging local availability and expedited logistics, Timken fulfilled both emergency purchase orders with same-day hot shot pickups from Canada and U.S. locations. This proactive response restored operations in under 12 hours each time, cutting downtime dramatically.

RESULTS THAT MATTER

Timken’s rapid delivery and product compatibility saved the customer at least 24 hours of costly downtime across both events—capturing \$1.92 million CAD in value. Beyond speed, the Timken mounted bearings provided reliable, high-performance operation in a demanding mining environment. Backed by field-proven responsiveness and bearing expertise, Timken reinforced uptime and reliability at a mission-critical site.



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

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