



QM Bearings

CASE STUDY



AGGREGATE

*"I want the Blue Brute bearing. They're the toughest bearing on the market."*

PLANT MANAGER

**DURABILITY OF QM BEARINGS USED IN TEST CONVINCES PLANT TO INSTALL THEM FOR NUMEROUS APPLICATIONS.**

**THE CHALLENGE**

A large cement producer was unsatisfied with how long their take up bearings lasted on a tail pulley. The E type lasted three to five weeks and an S-2000 lasted about 12 weeks in this harsh application. The conditions were brutal—gravel, sand and water rained down on the bearings 18 hours a day while the materials traveled a 150-foot conveyor belt.

**THE QM BEARINGS SOLUTION**

At first, they tried QM Bearings on a test basis. When the old take up bearings on their tail pulley failed, QM gave them a take up frame and sold them two of their Blue Brute bearings. With the external cover and B-seals, the bearing manufacturer was confident the products would out run the competition.



The plant was sold on Blue Brute bearings, made by QM Bearings. The bearings lasted four times as long as the previous bearings from a competitor despite the gravel, sand and water contamination.

**COMPANY PROFILE**

**COMPANY**

One of the largest producer of cement and structural steel beams in North America and a significant supplier of steel bar, aggregate and concrete products.

**INDUSTRY**

Aggregate

**NUMBER OF LOCATIONS**

106

**PRODUCTS**

Concrete, steel bar and structural beams

**QM BEARINGS PRODUCTS**

Blue Brute pillow block bearings (part number QAP15A215SBR) and take up frames (part number QMT 2x 18)



## THE RESULT

The QM bearings outlasted the two competing brands previously used by a wide margin. The original bearings lasted as little as three weeks while the Blue Brute bearings lasted 48 weeks. They were so impressed with the durability and quality of the products that the plant manager, at the time of the test, assured the salesman that the next bearings he buys will be the QM brand.



QM Bearings products outlast the competition, while their service outperforms the competition

The Blue Brute bearings cost about 10% more than the brand they replaced. However, since they have lasted twice as long, the total cost of ownership is much lower.

DISTRIBUTED BY:



**North American Locations:** Western CA – Prince George, BC    Eastern CA – Mississauga, ON    Western US – Ferndale, WA    Eastern US – Cuyahoga Falls, OH    Southern US – Irving, TX

QM Bearings designs, manufactures and markets rugged Blue Brute bearings, Quick-Flex couplings and rigid compression couplings. The company's precise manufacturing methods and innovative solutions have won over thousands of customers in over 40 countries. For more information, visit [www.qmbearings.com](http://www.qmbearings.com) for the distributor nearest you or call 800.661.7991 (Canada) and 800.661.5568 (U.S.)

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