



QM Bearings

CASE STUDY



LUMBER/SAWMILLS

“To make a long story short, QM Blue Brute bearings in our plant is a permanent fix for bearing failures.”

PLANT MANAGER

QM BEARINGS WITHSTAND TOUGH APPLICATIONS, REDUCE REPAIR AND REPLACEMENT COSTS.

THE CHALLENGE

A lumber manufacturer based in North America wanted to increase the bearing life on the line shafts of their log decks, as the competitor bearing they were using needed complicated and costly replacements. With six bearings on each 30-foot shaft, any time one bearing failed, it would cause all six bearings to fail, meaning all the chains and shafts would need to be removed in order to take out and replace all the bearings, a process that took up to 12 hours to accomplish.

Also, because of the nature of the application, there were constant problems with contamination, which was the primary issue leading to the bearing failure problems. The mill was looking for a solution that would stand up against the tough application and reduce costs on parts and labor for replacements.



In the seven years that the mill has been using QM bearings on the line shafts of their log decks, they are pleased to note that they have not needed replacement, and the bearings are still performing at optimum capacity.

COMPANY PROFILE

COMPANY

A leading marketer and manufacturer of specialty forest products.

INDUSTRY

Specialty forest products

NUMBER OF LOCATIONS

16

PRODUCTS

CLS and J-Grade dimension lumber and boards, JAS certified and metric cuttings, MSR

QM BEARINGS PRODUCTS

TAPG20K307SM Blue Brute bearings



THE QM BEARINGS SOLUTION

QM Bearings supplied Blue Brute tapered adapter units, which is a completely sealed unit, to eliminate the contamination issue. The QM product was also far easier and more efficient to replace, as the labor time for the competitor's product was 45 minutes, compared to QM's, which is a mere five minutes.

Another added benefit of the Blue Brute bearing was the pre-drilled housing. The mill was previously spending \$200 per unit for custom drilling, and QM's predrilled housings saved on the added cost of \$3600.



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

THE RESULT

QM Bearings resolved all the issues the mill sought to correct, and saved them substantial extra costs as well. The sealed unit prevented contamination and further wear, while the steel housing was able to stand up to the tough application and proved to be more stable than the competitor's bearing. The cost savings were not only due to the tougher durability and therefore longer life of the unit itself, but also on the price of drilling 18 units on a competitor's bearing, and the labor costs saved by reducing the installation time, particularly due to the fact that the bearings are a direct drop-in replacement for the competitor's split cap housing dimensions.

In the seven years that they has been using Blue Brute bearings, they are pleased to note that they have not needed replacement, and the bearings are still performing at optimum capacity.

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 for the distributor nearest you or call **800.661.7991** (Canada) and **800.661.5568** (U.S.)

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