



QM Bearings

CASE STUDY



LUMBER/SAWMILLS

QM'S BLUE BRUTE BEARINGS LAST YEARS WITH NO DOWNTIME, NO NEED FOR REPLACEMENT

THE CHALLENGE

A large lumber manufacturer was dealing with bearing failure approximately every six to eight months on their Denis Comact equipment, a log turner in a vertical application employing very high shock loads. While using a competitor's bearing, they found that after a few months of use, the Teflon lining would break down, causing the set screws to turn on the shaft. This caused not only the failure of the bearing, but also destruction of the shaft, requiring replacement of both parts.

They also found that when replacing the bearings, the competitor's cast iron housing would often snap or break on removal. The mill wanted a bearing product that would stand up to their high-shock application, would last longer than the product they were using, and would eliminate the need to replace the shaft every time a bearing failed.



AM Blue Brute bearings stand up to the high shock loads on the Denis Comact log turner.

DRAFT

COMPANY PROFILE

COMPANY

A leading marketer and manufacturer of specialty forest products.

INDUSTRY

Specialty forest products

NUMBER OF LOCATIONS

16

PRODUCTS

Precision trimmed stud lumber to 10' (117"), J-Grade and CLS, JAS Certified, Fingerjoint studs and fingerjoint tensions tested stock to 24'

QM BEARINGS PRODUCTS

QMCW13J207S Blue Brute piloted flange bearings



THE QM BEARINGS SOLUTION

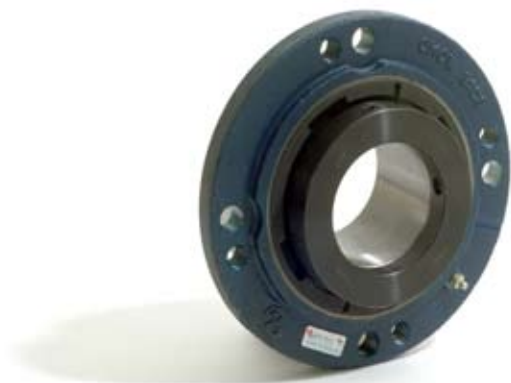
QM Bearings introduced the mill to the Blue Brute piloted flange bearings, with an eccentric locking collar that locks to the shaft and is guaranteed not to come loose. The steel housing on the Blue Brute also ensured the durability of the bearing and ensured that the housing would remain intact upon removal.

THE RESULT

QM's Blue Brute bearing met and exceeded all the objectives the mill wanted to achieve. The eccentric locking collar has eliminated the need to replace the shaft, and the steel housing has withstood the tough application.



The steel housing on the Blue Brute bearings has ensured the durability of the bearing in this taxing application.



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

In the seven years that they have been using Blue Brute bearings, they are pleased to note that they have not needed replacement, have experienced no downtime, and the bearings are still performing at optimum capacity. Because of the durability of Blue Brute bearings, they have saved on the cost of eight bearings per year since installing the Blue Brute, and have saved in expensive downtime and labor costs for repair and replacements.

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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