



QM Bearings

CASE STUDY



LUMBER/SAWMILLS

“The roll shaft bearings in both of the VK debarkers have been replaced with QM Blue Brute bearings. The Blue Brute taper lock style and better seal in this harsh environment have been a real win for us”

PLANT MANAGER

QM BLUE BRUTE WITHSTANDS HIGH SHOCK LOADS, REMAINS FAST AND EASY TO REPLACE.

THE CHALLENGE

The lumber manufacturing division of a large company uses bearings on a debarking machine, which chips bark from cut trees and grinds it. They were dealing with bearing failure approximately every six to eight months due to the severe shock loads of the application pounding out the bearings and causing the nuts to break. They also had a 12-14 hour downtime every time the bearings on the feed rolls and pivot shafts failed and needed replacement.

They wanted a bearing product that would stand up to their high-shock application, would last longer than the competitor’s bearing they were using, and would reduce the amount of downtime for replacements.



QM Blue Brute bearings stand up to even the harshest conditions like this high shock-load application on a debarker at the lumber manufacturing division.

COMPANY PROFILE

COMPANY

A leading marketer and manufacturer of specialty forest products.

INDUSTRY

Specialty forest products

NUMBER OF LOCATIONS

16

PRODUCTS

2”x3” to 2”x10”, 6’-20’ lengths, Machine Stress Rated (MSR) lumber in a variety of grades

QM BEARINGS PRODUCTS

QMCW13J207S Blue Brute piloted flange bearings

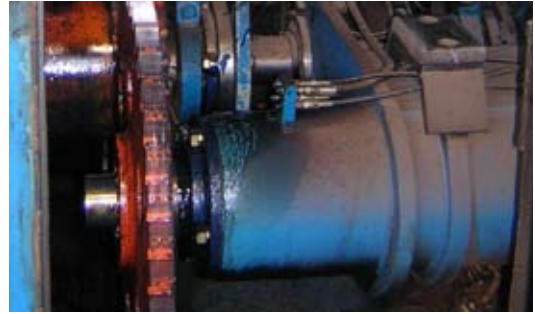


THE QM BEARINGS SOLUTION

QM Bearings supplied the mill with Blue Brute bearings with tapered adapter locks and piloted flange cartridges. The tapered adapter lock, which is a drop-in replacement for common set-screw mounted units, is capable of accepting high thrust loads. Also, reversing the inserts in half of the units allowed for easier and faster installation.



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



Durability and quality - two aspects of Blue Brute bearings that the mill looks to when choosing bearings for their applications.

THE RESULT

They installed the Blue Brute bearings and has been extremely happy with their quality and durability. The bearings have withstood the high shock loads of the application, and were drastically less time-consuming to install than the competitor's bearing they were previously using.

In the four years that the lumber manufacturing division has been using the Blue Brute, they are pleased to note that they have not needed replacement and have experienced no downtime. Because of the durability of QM bearings, they have saved thousands by reducing expensive and time-consuming downtime and labor 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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