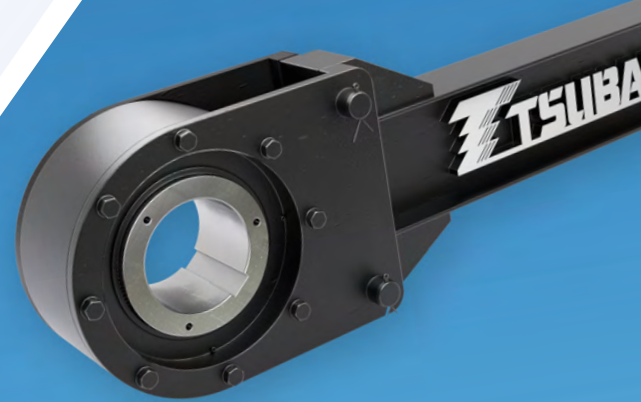


SUCCESS STORY

Failed Backstop on a Bucket Elevator

\$4,800

IN COST SAVINGS



PROBLEM

After a backstop failed on their bucket elevator, a customer needed a quick replacement. The current supplier was unable to guarantee that the clutch could be rebuilt and, because it had to be shipped from the US, lead-time was long. That's when Tsubaki stepped in.



SOLUTION

The **Technical Solutions Team** got involved and switched the existing backstop to a **BS200HS series unit**, which was in stock in Mississauga, in the form of a knock-down kit sourced from Tsubaki Japan. Tsubaki of Canada was able to finish, quality test, and ship the unit in six working days.

The **BS series clutch** was a direct drop-in replacement for the existing unit and came standard with improved features and benefits over the existing unit to ensure optimal life on the application. These features include a triple sealing arrangement, an anti-rollover "fat cam" design, and comes grease filled.

This combination ensures that the unit does not allow an ingress of clinker material into it, which will eventually cause over-heating, leading to eventual failure commonly seen on oil-filled units.

The upgrade resulted in an improved drop-in replacement backstop and significant up-front cost reduction for the customer. The unit has already saved the customer \$4,800, is still in operation, and is not expected to be replaced for several years.