


Tsubaki Advantage Success Stories

Application No.	6787
Industry	CONSTRUCTION Cement
Application Name	Clinker Pan Conveyor
Issue	<p>The customer was in need of a quick replacement for a failed backstop on their bucket elevator. The current supplier was unable to guarantee that the clutch could be rebuild and the lead-time for a replacement unit was long as it had to be built and shipped from the USA.</p>
Tsubaki Solution	<p>Tsubaki got involved and crossed over the existing backstop to a BS200HS series unit which was stock in Mississauga in the form of knock-down kit that was sourced from Tsubaki Japan. Tsubaki of Canada was able to finish, quality test and ship the unit in 6 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.</p> <p>The BS Series backstops come standard with a triple sealing arrangement, an anti-rollover “fat cam” design and comes grease filled. The combination of grease filled with the proprietary triple sealing arrangement ensures that the unit does not allow in the ingress of clinker material into the unit which will eventually cause over-heating, leading to eventual failure as commonly seen on oil-filled units.</p> <p>Not only was Tsubaki able to offer an improved, drop-in replacement backstop but the upfront cost and delivery was significantly lower. This unit is still in operation and not expected for replacement for many years.</p> <p>The upgrade resulted in a significant up-front cost reduction for the end customer and currently (once factoring in life to date), the unit has already saved the customer \$4795.92 and is continuing to accrue savings daily.</p>
Cost Savings	4,795.92
Product Type	<p>PTUC- Cam Clutch</p> 
Images	