

Tsubaki Advantage Success Stories

Application No.	9998
Industry	Forestry – Pellet Mill
Application Name	Rotary Drum Debarker
Issue	<p>A forestry customer was initially using a regular 120-2 cottered chain for their rotary drum debarker.</p> <p>This application has a lot of shock loading and the 120-2 cottered chain started showing cracks and breakage after 6-8 months. This was causing untimely after-hour outages and significant lost production in the Debarking and Chipping process.</p>
Tsubaki Solution	<p>The customer asked Tsubaki to inspect a failed piece of the chain and make recommendations to extend chain life and reduce downtime.</p> <p>With the guidance of Tsubaki Advantage, Tsubaki representatives went on the database to look for customers experiencing similar issues with their rotary Drum Debarkers and found out that Tsubaki Super Chain had solved this exact issue at other sites for the same application.</p> <p>Tsubaki Super Series Chain has a 40% higher maximum allowable load than regular ASME (ANSI) series chain and has features such as a wider waist band to help alleviate shock loading.</p> <p>Tsubaki Super Series chain could run on the same sprockets as the regular 120-2 chain. Since no sprocket change was necessary, it was an easy decision for the customer to try Super Series. The 1st trial resulted in an extended life of 2.5 times over the regular 120-2.</p>
Cost Savings	\$4,320
Product Type	Roller Chain

Images

