

Tsubaki Advantage Success Stories

<p><b>Application No.</b></p>	<p>4226</p>
<p><b>Industry</b></p>	<p>FORESTRY Sawmill</p>
<p><b>Application Name</b></p>	<p>Sawmill - 44" Barker Feed Drive (D2110-260C)</p>
<p><b>Issue</b></p>	<p>The customer was running RS160 roller chain on their 44" Barker Feed Drive. This has always been a very troublesome drive for the mill causing a significant amount of maintenance and unplanned downtime which they have come accustom to accepting.</p> <p>Mill maintenance was routinely interrupted with calls that <i>the "44 Barker was down again"</i>. The chain drives feed rolls that convey logs up to 44" in diameter through the debarker. This is violent application that takes the hog material off the O.D of the log and in the process, the twisting and bouncing creates significant shock loading on the drive causing the chains to fatigue and routinely fail.</p>
<p><b>Tsubaki Solution</b></p>	<p>Tsubaki recognized the mode of failure and confirmed the chains were under-sized for the application and required a chain that could fit in the same foot-print but be capable of withstanding the shock loads present on the drive.</p> <p>Tsubaki recommended SUPER SERIES chain as it would fit in the same footprint of the existing RS160 chain but offer a higher level of performance with a 10% increase in Ultimate Tensile Strength and more importantly a 40% increase in Working Load to combat shock loading.</p> <p>The upgrade resulted in a life increase from 14 to 1113 days and \$194,448.10 in cost savings.</p>
<p><b>Cost Savings</b></p>	<p>194,488.1</p>
<p><b>Product Type</b></p>	<p>Heavy Duty Drive Chain- SUPER Series</p>
<p><b>Images</b></p>	