

Tsubaki Advantage Success Stories

<b>Application No.</b>	6541
<b>Industry</b>	FORESTRY Sawmill
<b>Application Name</b>	Resaw Outfeed
<b>Issue</b>	<p>The drive on this resaw conveyor is under guarding, is long and serpentine with no take-up tensioning system in place. The chain drives a number of rollers which are used to convey lumber from their resaw.</p> <p>Due to the nature of the application, it is difficult to lubricate the chain as its located under guarding that is bolted in place, it runs at relatively high speeds and experiences significant cycling and articulation as it serpentine around a large number of roller chain sprockets. This combination was causing accelerated chain elongation which would cause the chain to stretch and jump off of the sprockets.</p> <p>The mill was routinely replacing this long, cut strand of RS80 every 4 months but more impactful was frequent unplanned downtime it caused.</p>
<b>Tsubaki Solution</b>	<p>Tsubaki recommended a cut strand of 80SPEEDMASTER chain which was designed to handle applications that see accelerated wear and is particularly effective with high-speed and serpentine applications.</p> <p>The combination of Tsubaki’s Lube Groove, Performax Bushings, Chrome Plated Pin and Quad-Riveted construction make a real problem solver when combating elongation.</p> <p>The upgrade resulted in a life increase from 126 to 381 days and \$77,396 in cost savings when accounted for both reduced product replacement and unplanned downtime events.</p>
<b>Cost Savings</b>	77,396.00
<b>Product Type</b>	Titan & SpeedMaster- Titan & SpeedMaster
<b>Images</b>	