

Tsubaki Advantage Success Stories

Application No.	4167
Industry	FORESTRY Sawmill
Application Name	Smart Gates
Issue	<p>The customer was running RS80 roller chain on their Smart Gates. A Smart Gate is a gate that is fed information to direct it to open to allow lumber to be dropped out of the manufacturing process to be reprocessed for additional operations or to remain closed to allow lumber to continue through the primary manufacturing process.</p> <p>On every Smart Gate is a cut length of RS80 chain. This chain is used to convey lumber as it exits a trim box. These drives are high speed, are not lubricated and absorb shock loads when the gates quickly open and slam closed making them a difficult chain application in a sawmill. The customer was replacing these chains every 62 days.</p>
Tsubaki Solution	<p>Due to the nature of the application, Tsubaki recognized that the solution for this application required a chain that could combat high-speeds, shock loads and could perform well without lubrication. Tsubaki recommended SpeedMaster chain and supplied them in cut to length strands to address these concerns. The upgrade resulted in a life increase from 62 to 264 days and \$6931.98 in cost savings.</p>
Cost Savings	6,931.98
Product Type	Titan & SpeedMaster- Titan & SpeedMaster
Images	