

Tsubaki Advantage Success Stories

Application No.	3964
Industry	FORESTRY Sawmill
Application Name	Sawmill - 90-degree conveyor
Issue	The customer was running 80 Curve attachment chain in their sawmill where dimensional lumber is conveyed around a 90-degree curve for downstream processing. The chains on this conveyor were not lubricated at regular intervals nor was it a priority to do. During inspection, it was apparent that the chains were elongating due to a lack of lubrication and the sprockets were worn past their usable life. The result was 779 days of operation before the chains were in need of replacement.
Tsubaki Solution	Tsubaki recognizes that not all operations have the budgets, equipment, processes or manpower in place to ensure that all of their chains are adequately lubricated to maximize chain life expectancy. In this case, Tsubaki identified that Lambda conveyor series would be a suitable solution however at the time Tsubaki did not manufacture 80 Curve chain in Lambda series. With assistance from Tsubaki engineers in Japan, Tsubaki was able to leverage in-house tooling to produce 80 Curve Lambda for this application. After consulting with the end user, the customer agreed to replace their existing sprockets and purchase a new set of 80 Curve Lambda conveyor series chains for this application. The upgrade resulted in a life increase from 779 to 2584 days and \$59,956.76 in cost savings.
Cost Savings	59,956.76
Product Type	Conveyor Chain- Lambda Conveyor Chain
Images	