

## Tsubaki Advantage Success Stories

<b>Application No.</b>	8265
<b>Industry</b>	Food
<b>Application Name</b>	Stage A dryer side chains (186' 6PITCH172P-LHSPEC; 186' 6PITCH172P-RHSPEC)
<b>Issue</b>	A food customer in Grand Falls previously used 05-5116 Aeroglide chain for their Stage A dryer side chains. The 6" pitch chain was elongating pre-maturely and causing cracks and breakage in the perforated SS Pans that connect to the chains. The chains and SS pans would have to be changed annually during their Christmas shutdown.
<b>Tsubaki Solution</b>	<p>The customer asked Tsubaki to inspect a section of the failed chain and make recommendations for improvements to get the chain to last for at least 2 years. It was concluded that pitting corrosion of the pin and bushing, along with inferior heat treatment were the main factors behind the premature elongation.</p> <p>Tsubaki provided a chain with improved materials including 17-4 heat-treated stainless pin, and 17-4 SS HT improved stud style bushing. Inspections were planned and were conducted every 3-6 months for elongation measurements, roller wear etc.</p> <p>The new Tsubaki Chain was installed and the plant was able to get 2 additional years of life from the Chain &amp; SS Connecting Pans.</p>
<b>Cost Savings</b>	\$52,404
<b>Product Type</b>	Engineered Class Chain
<b>Images</b>	