

### Tsubaki Advantage Success Stories

<b>Application No.</b>	5718
<b>Industry</b>	Power production (Ash conveyor)
<b>Application Name</b>	Ashes conveyor 424
<b>Issue</b>	Tsubaki was supplied with competitor’s failed bar-loop chain sample for inspection. Chain was in service for only two months prior to development of stress-corrosion cracking. Sample had corrosion throughout cross section of the plates with deformation, which had led to eventual failure.
<b>Tsubaki Solution</b>	<p>Tsubaki Technical team inspected the sample and indicated that failure was caused by the application environment and contamination from product being handled.</p> <p>The chain was operating under harsh conditions with ambient temperatures between 300°F and 325°F as well as exposure to oxygen cycles, leading to excessive stresses on tension side of drive sprocket.</p> <p>Tsubaki recommended upgrading chain with proprietary corrosive resistant triple plating for extra protection and extending service life.</p> <p>Customer switched to Tsubaki recommended S-678 chain with corrosion resistant coating. This resulted in significantly improved wear life, yielding savings of over \$7200 and counting.</p>
<b>Cost Savings</b>	7,208.36
<b>Product Type</b>	Barloop chain with S-678 with 3XP coating
<b>Images</b>	