

SUCCESS STORY

Conveyor Chain Corrosion

\$4,700

IN COST SAVINGS



PROBLEM

A customer in the food industry approached Tsubaki for help in finding a solution to their application where the conveyor chain was experiencing extreme corrosion.

The RS60 double strand chain with extended pin attachments was sent to Tsubaki's Technical Solutions Team for inspection. While it was used on a vegetable packing line with no direct washdown, it was experiencing residual spray and showed significant signs of corrosion covering the link plates.

We also saw, when we disassembled and thoroughly inspected the chain, that the pin surface showed pitting corrosion, pin galling, and absence of lubrication between the pin and bushing.



SOLUTION

The **Technical Solutions Team** recommended replacing the chain with a corrosion resistant **NEPTUNE series chain** with chrome hardened pins as an added feature. Doing so would prevent pin galling when lubrication is a challenge and extend its working life.

The customer ordered the chain and, as a result, yielded an improvement in chain life and ongoing savings of \$4,700.