

# Case Study

## Diamond 400 Chain



### INDUSTRY

Food Industry - Bottle Rinsers.

### PROBLEM

A major BSC food processing customer was using Standard Carbon steel chain on their Rinsers and experiencing severe corrosion, due to the high levels of moisture in the environment.



### APPLICATION

The Rinsing process is commonly used in the food and beverage industry, for cleaning bottles or jars prior to the filling process.

### SOLUTION

BSC recommendation was to change to Diamond AP Series Stainless Steel, which subsequently improved the corrosion resistance by 300%.

Diamond 63SB chains have flights/grippers attached to its extended pins which hold the bottle/jar as it's conveyed, rinsed and inverted during the cleaning process. This process can use either air or water to decontaminate the container.

### BENEFIT

Over \$30,000 nett saving for the customer in parts, labour and production.