

Case Study

Diamond 400 Chain



INDUSTRY

Food Industry - Dairy and Fruit Juice processing.

PROBLEM

One of several filling stations that require adjustments once the chains have worn. It would usually take between 6 to 8 hours to completely re-adjust chains and the stations. On a smaller machine that only produces 6,500 cartons an hour, it was estimated an \$80,000 down time cost pa in lost production alone.

APPLICATION

Carton Filling Machine. Used in most Dairies and Fruit Juice processing. The latest carton filling machine can fill 14,000 cartons per hour. Four chains run the entire length of the machine. The process involves various stations to fill, glue, fold and dry.

SOLUTION

Replacing the original 304 SS chain with Diamond 400 series has extended the chain life x 300%. Consequently re-tensioning chain and station adjustments is now only conducted annually.

BENEFIT

Total increased production = \$400,000.

Diamond 400 series is now the preferred replacement on most carton filling machines in Australia.

