

# Case Study

## Diamond 400 Chain



### INDUSTRY

Food Industry

### APPLICATION

Packaging Machine

### PROBLEM

Bulk Plastic wrap, into 5 and 10 packs. The 2 x Slow - Medium speed machines package most of the Australia demand. Existing Japanese origin chains had little adjustment and therefore required replacement every 6 months.



### SOLUTION

BSC inspected the application and found that the existing 40-1, hollow pin chain in a Japanese quality, was rated at HALF the allowable load of Diamond standard solid pin chain. We replaced the existing chain with Diamond extended pin chain, modifying the plastic conveyor roller to suit the extended pin. Tolerance matched, pre-loaded chains with 50% more allowable load coupled with Diamond quality has extended the chain life x at least 400%.

### BENEFIT

This solution has saved the customer over \$10,000 pa in maintenance and change out costs.

