

CASE STUDY

RENOLD HYDROSERVICE CHAIN

Application:

Fruit Sorting/Fruit Cleaning

Industry:

Food

Product:

*12B1 Hydro Service
Transmission chain*

Problem:

*Corrosion on chain as the
area is exposed to acid*

Solution:

*Installed HydroService
alongside a competitor
chain.*

Outcome:

*No visible signs of
corrosion or elongation
compared to the
competitor's chain*

RENOLD
AUSTRALIA

Overview

Our competitor's chain and Renold HydroService were both installed and commissioned in December 2024. Both have been in service for 3 months. Competitor's chain was found to have excessive wear and corrosion, resulting in elongation.

The Renold Solution

With the ability to control all steps in the manufacturing process due to the chain being manufactured in our Renold Germany factory, Renold's HydroService chain provided the perfect solution. HydroService doesn't chip and peel like galvanic zinc or nickel chain and offers exceptional corrosion resistance with no reduction in tensile strength.

Conclusion

Renold Hydroservice provides better corrosion protection compared to our competitor's chain. It offers 30x the corrosion protection of any conventional surface treatments and is hexavalent chrome free, which assists in providing a longer lasting product.

Renold's HydroService chain is currently showing no signs of corrosion.

Transmission Chain Comparison: Renold Vs Competitor



Renold HydroService chain



Competitor chain