



VpCI® ADDITIVES FOR WATER TREATMENT



CASE HISTORY SPOTLIGHT

Case History #547: Food Can Process Water Protection

One of the largest canned food producers in Croatia needed a way to protect cans from corrosion and scale during processing in hard water (15 °dH [268 ppm] and 14 mg/L CaCO₃). In 2012, they started adding S-14 and S-8 to the fresh process water during washing and sterilization. This solved the corrosion and scale problem on the cans. The customer expressed satisfaction and, as of 2017, was continuing to use the same water treatment five years later.

To read the full case history, please visit: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch547.pdf

CASE HISTORY
Processing and Preparation Water for Food Can Protection

LOCATION
Petrija, Croatia

PRODUCTS
S-8
S-14

PROBLEM
One of the largest producers of canned food in Croatia needed to use treated water to protect the metal cans against corrosion during processing. The customer also needed to address a scale problem because the water used had a total hardness of 15 °dH (268 ppm) and 14 mg/L CaCO₃.

APPLICATION
Fresh process water was treated with S-14 and S-8 during can washing and sterilization. The two products were continuously added into the flow of water at a dosage rate of 15 ppm for S-14 and 200 ppm for S-8.

CONCLUSION
The Cortec® products solved the scale control and corrosion problem, with the FDA approved ingredients of S-8 being especially important to this application. The customer has been using S-14 and S-8 for water treatment since 2012 and has expressed satisfaction in applying these Cortec® products.

DATE
May 2017

CUSTOMER
Gavrilović Ltd., Croatia

CORTEC® REPRESENTATIVE
CortecCros® Ltd

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Environmentally Safe VpCI®/MCI® Technologies

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