

CLEANING & WASHING

Quick

STUDY

Hydra-Cell
Seal-less Pumps

www.Hydra-Cell.com

Location:	Sweden
Application:	Spray cleaning
Media:	• Detergent
Model No.:	H25XKBTHFEHB
Flow Rate:	Up to 17 gph (65 lph)
Pressure:	Up to 1000 psi (69 bar)
Hydra-Cell Advantages:	• Seal-less design • Run dry capability • Ability to handle hot chemical solutions



Conveyor Cleaning in Food Processing

A well-known frozen food processor in Sweden chose Hydra-Cell seal-less pumps in preference to piston pumps for the high-pressure cleaning of fat deposits from a conveyor. The pumps deliver a hot solution of water and detergent through pressure jets to the conveyor, which carries cooked chicken pieces.

Hydra-Cell was chosen for its reliability, as it has no dynamic seals in the design. Piston pumps are reliant on seals, which can be damaged by exposure to hot water and detergents.

Another advantage of the Hydra-Cell was the ability of the pump to run dry. The pump will not be damaged should an operator forget to connect the water supply,

Characteristics of Fluid Pumped:

☒ Contains Abrasives ☐ Corrosive ☐ Solids in Suspension ☐ High-temp. (>158°F/70°C) ☒ Non-lubricating ☐ High-viscosity (>500 cPs)