

FOOD & BEVERAGE INDUSTRY

Quick

STUDY

Hydra-Cell
Seal-less Pumps

www.Hydra-Cell.com

Location:	United Kingdom
Application:	Can coating
Media:	• Lacquer
Model No.:	D10XKSGHFEHE
Flow Rate:	3.17 gpm (12 l/min)
Pressure:	1000 psi (69 bar)
Hydra-Cell Advantages:	• Smooth, low-pulse liquid flow • Easy flow control, adjustable with line speed • Long-term reliability • Low maintenance



Can Manufacturer Stays with Hydra-Cell for Lacquer Coating

A UK plant of an international can manufacturing company has been using Hydra-Cell D10 pumps on lacquer spraying operations for more than 10 years. D10 pumps have also been chosen for a new production line performing the same duty.

Each pump delivers 3.17 gpm (12 l/min) of lacquer at 1000 psi (69 bar) pressure to spray nozzles to coat the internal surfaces of food and drink cans. It is a continuous 24/7 process and each of the original lines, running at speed, is capable of producing up to 2 million cans per day.

Materials chosen for the original pumps include 316L Stainless Steel for the pump head, valves and springs and EPDM for the diaphragms (working with EPDM-compatible oil).

Characteristics of Fluid Pumped:

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