



FOOD & AGRICULTURE

infoBITE

## Hydra-Cell and chocolate spray-coating

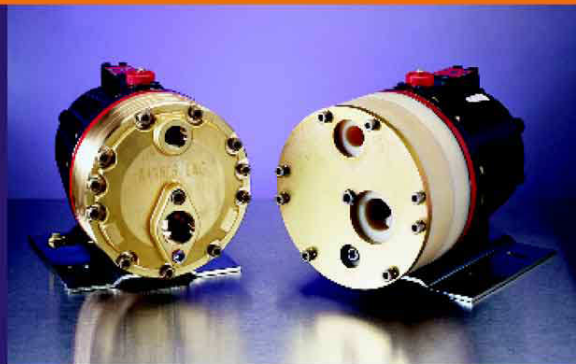
A sweetened chocolate mixture had proved problematical for the lobe pumps employed by a manufacturer of breakfast cereal. Shaft seals and the SST pump head and elements showed heavy wear from the abrasive mixture.

A Hydra-Cell G25 offered a great solution. The seal-less design was little affected by the abrasive liquid, and the Hydra-Cell's ability to offer increased pressure and low pulsation gave control over the process, and a consistent result in the product.

To keep the mixture liquid, two loops of piping were taken as a spur off the heated inlet and discharge pipework, and wrapped around the head, maintaining the liquid above 45°C even when at rest.

**Hydra-Cell**  
Seal-less Pumping Technology

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### Detail:

Pump: G25XDSENNEHD, 400 r.p.m. approx, 12 bar discharge pressure

Material: sweetened chocolate

PUMPING HOT ABRASIVES