

# HYDRA-SATISFACTION

# infoBITE

## A whole year maintenance-free

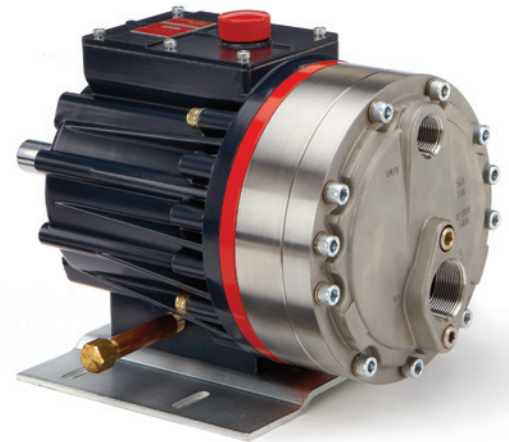
Bidones JP Garcia is a major Spanish recycler of steel drums and plastic IBC containers. The customer uses pumps for high pressure spray cleaning the inside of the plastic IBCs they are repurposing and has chosen Hydra-Cell for this purpose.

The IBCs inevitably contain some residual industrial fluids or chemical traces when they arrive at the cleaning facility and this combines with the caustic cleaning fluid as the system recirculates. The mixture frequently contain particulate matter, which has the potential to cause seal wear problems in pumps that have dynamic seals.

Coarse filters are used to remove larger particles and objects such as screws, but it is the smaller particles that tend to cause the seal wear that results in high seal maintenance costs or even catastrophic failure.

A Hydra-Cell G25 pump was selected for the application because of its ability to handle the solids, thanks to its seal-less design. Because the cleaning fluid used contains caustic soda, a Hydra-Cell pump with a 316L stainless steel liquid end and EPDM diaphragms was chosen. It has now operated effectively and efficiently for over a year without maintenance or repair, much to the customer's immense satisfaction.

**WANNER**  
*Hydra-Cell*<sup>®</sup>  
Seal-less Pump Technology



**Pump:** G25XKSEHFEHC  
**Liquid:** Proprietary cleaning mixture containing caustic soda and contaminants  
**Flow:** 60 lpm (15.9 US gal/min)  
**Pressure:** 60-70 bar (870-1015 psi)

[www.hydra-cell.eu](http://www.hydra-cell.eu)