

infoBITE

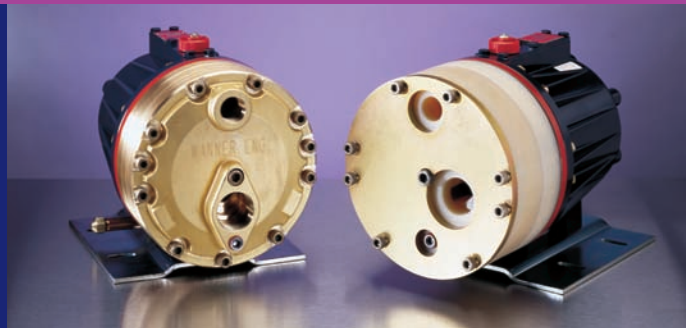
Caustic solutions

The pumping of "Caustic" solutions is always difficult. Often simply because the user does not know what chemicals comprise the "caustic" that they are pumping. Normally, the solution is water and varying concentrations of Sodium Hydroxide (Na OH), but in this instance "caustic" turned out to be a combination of numerous chemicals, making up a 15% caustic solution. Sodium Hydroxide, Sodium Aluminate, Sodium Carbonate, Sodium Sulphate, Sodium Chloride, and traces of Sodium Organics with solid crystals up to 2mm.

After trying a variety of other solutions unsuccessfully, the customer eventually found that A Hydra-Cell G-25 could handle the flow, pressure, abrasives, temperature and corrosive liquid with ease.

Hydra-Cell[®]
Seal-less Pumping Technology

www.wannerint.com



PUMP: G-25-XKS-ENNEN
FLOW: 16 GPM (61 LPM)
PRESSURE: 600 PSI (42 BAR)
FLUID: 15% CAUSTIC SOLUTION
ABRASIVE: CRYSTALS TO 1/64 IN. (2mm)
VISCOSITY: 20 CP
SP. GRAVITY: 1.3
TEMPERATURE: 194° F. (90° C.)

**PUMPING HOT CAUSTICS
WITH ABRASIVE SOLIDS**