

CHEMICALS HANDLING

infoBITE

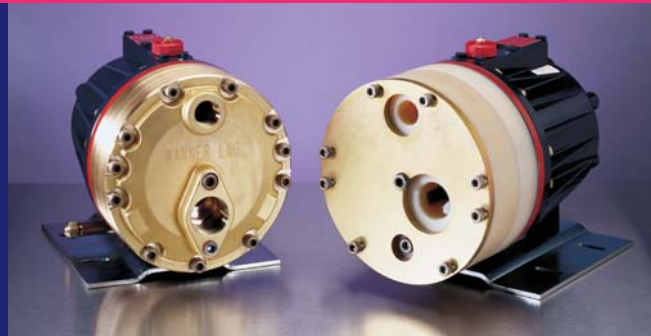
## Cement production

Cement plants regularly use Xylene, a by-product of wood and coal processing, to fuel their burners. It must be delivered to the burner nozzles under pressure, but it is not easy to pump. As well as being toxic, it is non-lubricating and contains abrasive particles... an ideal set of conditions for Hydra-Cell Pumps.

Gear and piston pumps cannot handle the particles, peristaltic pumps cannot handle the pressure and a traditional hydraulic metering pump would pulsate too much and inevitably be too costly. These facts are generally accepted by the industry which is why Hydra-Cell pumps are specified for this application in cement plants throughout Europe.

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

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PUMP: G-25

FLUID: Xylene with particulate matter

VISCOSITY: 0.93 centistokes

SP. GRAVITY: 0.88

TEMPERATURE: 19° C

FLOW: 50 LPM

PRESSURE: 25 BAR

PUMPING NON-  
LUBRICATING ABRASIVES