

INDUSTRIAL PROCESSING

# infoBITE

## Board maker comes unstuck!

Hydra-Cell pumps have solved a serious problem for one of the world's leading chipboard manufacturers in Poland, Pfleiderer.

Gear pumps were used to deliver resinous glue to a mixing chamber, where it is sprayed on to wood fibres in the early stages of chipboard manufacture. Chosen for their high pressure capability, these pumps leaked persistently through the mechanical seals and the gears became damaged as hardened resin became trapped between closely meshing gears. The pump and gearbox on one system had to be replaced no less than three times in one month.

Installing a Hydra-Cell pump immediately solved the problem and after 6 months trouble-free running the second system was converted to Hydra-Cell with similar success.

Pumping resins such as this; non-lubricating, viscous fluids that contain particulate matter, at high pressure is all in a days work for Hydra-Cell.

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

[www.wannerint.com](http://www.wannerint.com)



**PUMP:** G-35

**FLUID:** Viscous resinous glue with some solid particles

**PRESSURE:** 80 BAR

**FLOW:** 100 LPM

**DUTY:** Continuous

PUMPING RESINOUS GLUE