

Application story


WANNERTM
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Hot Water Process Pipe Cleaning

Location	UK	Hydra-Cell model	G35XKRKNNETH
Type of application	Cleaning Pipes	Flow rate	5 m3/hr
Liquid	Hot Water	Pressure	30-40 bar (435-580 psi)
Application details	Some of the liquids handled in the pipeline systems at Total Oil's UK refinery have high H2S content. They may also contain particles. The pipes are cleaned with hot water at 80-85 C to minimise the corrosion of the pipework. To pump these liquids at pressure the refinery uses Hydra-Cell G35 pumps rather than plunger pumps.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: • No dynamic seals • Minimal maintenance • Can run dry without damage • Pumped liquid is 100% contained, no environmental damage		

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