

Application story

WANNER
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Solvent Waste (1)

Location	UK	Hydra-Cell model	G10EDSJCCEMB
Type of application	Solvent Incineration	Flow rate	23 l/min (6 gpm)
Liquid	Solvent Waste	Pressure	7 bar (100 psi)
Application details	This international pharmaceutical company was using vane pumps to transfer waste solvents to an incinerator. The liquids were non-lubricating and also carried a variety of abrasive solids in suspension. These two characteristics caused rapid wear in the vane pumps. Leakage was not acceptable, so the pumps had to be replaced. Following a visit to Wanner International, where the customer saw a Hydra-Cell pump on test, the company purchased a G10 and ran a twelve month trial under normal working conditions. Duty cycle was 12 hours/day. At the end of this period the customer placed an order for six more G10 pumps.		
Advantages of Hydra-Cell pump on this application	Seal-less design, with the pumped fluid isolated from the drive mechanism, enabling the pump to handle non-lubricating fluid and abrasive solids – with no risk of seal leaks (a critical factor on this application).		

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