

Application story


WANNER™
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Cleaning Machined Parts

Location	France	Hydra-Cell model	G10XKSGSFEMB
Type of application	Cleaning Machined Parts	Flow rate	25 l/min (7 gpm)
Liquid	Recycled Detergent	Pressure	22 bar (320 psi)
Application details	On this parts cleaning installation, a Hydra-Cell G10 is pumping hot recycled detergent solution at pressure to degrease machine parts after manufacture. The Hydra-Cell customer is a surface treatment specialist and the installation user is a manufacturer of mechanical separators, such as centrifuges. The cleaning liquid is recycled back to the pump. Filtration of 100 micron is in place to protect the pump from possible wood chips because the parts to be cleaned are placed on pallets. There is also the predictable risk of metal chips from the production process. Using the Hydra-Cell means that the end user can recycle the cleaning fluid permanently, avoiding need to clean or treat the liquid for disposal. The pump installation has run since mid 2005 with no maintenance required and no problems arising.		
Advantages of Hydra-Cell pump on this application	Ability to handle particles (cost saving on the cleaning fluid cleaning and replacement). Low power consumption. Seal-less design.		

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