

Application story



Cleaning High Pressure Automotive Parts (3)

Location	Hungary	Hydra-Cell model	G03XMBTHFEPA
Type of application	Cleaning High Pressure Automotive Parts (3)	Flow rate	4 - 6 L/min (1.05 - 1.6 US gal/min)
Liquid	Hot Water	Pressure	60 - 70 Bar (870 - 1000 psi)
Application details	Qualiform Zrt. was established in 2007 and operates with several years' experience producing permanent mould and tool production for aluminium parts. The main products are complicated, labour-intensive automotive castings with sand cores. Once cast and then machined, the parts require extensive de-greasing & cleaning, prior to being shipped to the respective customer(s). A cleaning system installed utilises a low pressure / high flow centrifugal pump, which whilst this was achieving a certain level of cleanliness, it was not sufficient to be accepted by their customers. This was then supplemented with a manual high pressure wash with a mobile unit, but these results were not consistent and the pump could not reliably handle the recycled liquid as the particles quickly damaged the dynamic seals. A trail with a Hydra-Cell G03 pump proved to be an instant success and this pump was quickly installed to provide the secondary high pressure / low flow cleaning cycle. Results to date have proven this to be the correct decision and they are now enjoying vastly increased up-time, with zero breakdowns.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Its seal-less design, requiring no additional fine filtration. - Ability to handle this hot, non-lubricating liquid with ease,		

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com