

Application story



15 pumps in oil and gas production company

Location	Ukraine	Hydra-Cell model	Various
Type of application	Various	Flow rate	Various
Liquid	Brine Water Methanol Corrosion Inhibitor	Pressure	Various
Application details	These Hydra-Cell pumps are installed in a wide range of environments, from -12°C to +45°C and are pumping a range of different fluids including methanol, brine water, gas condensate and a corrosion inhibitor. They are carrying out a wide range of functions, from pumping almost 15m³ of brine water per hour at 241 bar through to dosing methanol at 200cl per hour. After showcasing the positive operational experience of these pumps in other facilities in Ukraine, the company chose the Hydra-Cell Pro over the incumbent traditional metering pumps because of the advanced mechanical and hydraulic design, with little ancillary equipment required, the high accuracy over the wide flow range and the technical support. For the metering and dosing applications, reliability is in part facilitated by low pulsation. Traditional metering pumps require installation of pulsation dampers. If they are not maintained then the resultant pulsations can create shock loadings on the pump resulting in damage. Hydra-Cell's very low pulsation avoids this.		
Advantages of Hydra-Cell pump on this application	• Low power consumption - reduced by 80% • Accurate metering and dosing • Extremely low pulsation • Patented ADPC (Advanced Diaphragm Position Control) protecting the diaphragms		

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



SHOT ON MI A3
AI TRIPLE CAMERA

2023/10/17 13:36





SHOT ON MI A3
AI TRIPLE CAMERA

2023/10/17 13:36