

Application story


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



Desulphurisation Water Process Pumps

Location	Hungary	Hydra-Cell model	G10XKSTSNECB
Type of application	Dosing Rinse Water into Gas Pipeline	Flow rate	1 m3/hr (4.4 gpm)
Liquid	Water	Pressure	25 bar (360 psi)
Application details	Hungary's largest oil and gas company is a user of Hydra-Cell pumps. On this new project in East Hungary, a G10 pump was chosen ahead of Bran & Luebbe, Prominent and dosing pumps of an older design that the company had used on similar duties elsewhere. The application is desulphurization and chemical neutralization of gas by dosing rinse water into the pipeline. The water carries up to 2% by volume of sand. Operating temperatures range from 5°C-40°C. The G10 was installed in 2012. Factors influencing the choice of the Hydra-Cell pump included initial cost, energy efficiency and low pulsation.		
Advantages of Hydra-Cell pump on this application	Low energy costs. Beneficial price. Smooth low-pulse flow, with no need for a pulsation dampener. Abrasives compatibility.		

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