

METERING

Quick STUDY

Hydra-Cell
Seal-less Pumps

www.Hydra-Cell.com

Location:	Hungary
Application:	Desulphurization and chemical neutralization
Media:	• Water
Model No.:	D10XKSTSNECB
Flow Rate:	4.4 gpm (1 m ³ /hr)
Pressure:	360 psi (25 bar)
Hydra-Cell Advantages:	• Low energy costs • Beneficial price • Smooth low-pulse flow, with no need for a pulsation dampener • Abrasives compatibility



Metering Rinse Water into Gas Pipeline

In 2012 Hungary's largest oil and gas company installed Hydra-Cell in applications where conventional metering pumps had previously been used.

The application chemically neutralizes and removes sulphur from gas by metering rinse water into the pipeline. The water carries sand up to 2% by volume with operating temperatures ranging from 41°F - 104°F (5°C - 40°C).

Energy efficiency, low pulsation, and low initial cost were the influencing factors in the choice of the Hydra-Cell over conventional metering pumps.

Characteristics of Fluid Pumped:

☒ Contains Abrasives ☐ Corrosive ☒ Solids in Suspension ☐ High-temp. (>158°F/70°C) ☒ Non-lubricating ☐ High-viscosity (>500 cPs)