

Application story



Metering Chemicals with Particles

Location	France (Installation: 2023)	Hydra-Cell model	MT08MSNJNSSGE05C
Type of application	Metering Alcohol Solution with Particles	Flow rate	Up to 30 l/hr (7.9 US gph)
Liquid	Alcohol Solution with Particles	Pressure	Up to 40 bar (580 psi)
Application details	Intermittent research & development application with a wide range of flow rates, from 3 to 30 l/hr and pressure (from 3-4 bar to 40 bar). The liquid contains particles which concentration up to 20% and which size can go from a couple of microns to 200 µm. Bran+Luebbe, Milton Roy and Lewa metering pumps were considered, but they were not capable of handling the solids. Full details / photographs are unavailable due to NDA (non-disclosure agreement).		
Advantages of Hydra-Cell pump on this application	Versatility capability in terms of accurate controllable flow rate and pressure with the ability to handle liquids with solids.		

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