

Application story



Calcium Chloride for Fertiliser Production

Location	Egypt	Hydra-Cell model	G35XKTKTTTTTH x2
Type of application	Calcium Chloride for Fertiliser Production	Flow rate	100 L/min (26 gpm)
Liquid	Calcium Chloride	Pressure	20 bar (290 psi)
Application details	Evergrow, Egypt's leading specialist fertiliser, acids and chemicals manufacturer has chosen a Hydra-Cell G35 to pump the Calcium Chloride it produces for non-agricultural purposes. Established some 10 years ago, the Company now has two manufacturing plants and expects to produce more than 1 million tonnes in 2017. Evergrow has had good past experience with Hydra-Cell pumps and a lasting relationship with Hydra-Cell distributor, Hans Buch. The Hydra-Cell G35 was selected for its ability to handle difficult liquids and on this occasion, one at an elevated temperature of 130°C (Contact Wanner International for further details). With several similar projects expected to come to fruition in the near future, there will be continued opportunities for Hans Buch and Hydra-Cell Pumps.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Ability to handle this hot, corrosive liquid with ease. - Compact design - Easy to install in this complex plant.		

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