

Application story



Flotation Reagent Transfer

Location	Russia	Hydra-Cell model	G21XDSGHFEHG
Type of application	Flotation Reagent Transfer	Flow rate	100 L/hr (26.4 gph)
Liquid	Flotation Reagent	Pressure	3 Bar (43 psi)
Application details	Hydra-Cell pumps aggressive flotation reagent Engineering Complekt Ltd is a Russian company that develops solutions to improve the efficiency of processes in mining, metallurgy and energy Industries. The Company needed a pump to dose an aggressive flotation reagent. Froth flotation is a process for selectively separating hydrophobic materials from hydrophilic. It is used in mineral processing, paper recycling and waste-water treatment industries. Wanner's Russian distributor Pump Union supplied a Hydra-Cell G21 pump, knowing that the seal-less design would remove chances of the aggressive chemical leaking. Its compact size made installation easy and the pump proved to be a low cost option when compared with other pump solutions.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Its seal-less design, allowing of 100% containment of this aggressive liquid. - Its compact size, making installation a very simple process.		

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