

Application story


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



Sodium Chloride - Nano Filtration

Location	China and India	Hydra-Cell model	G10XKSGTTTTB
Type of application	Sodium Chloride - Nano Filtration	Flow rate	20 l/m (5 gpm)
Liquid	Sodium Chloride	Pressure	8 bar (116 psi)
Application details	GE have purchased two pumps - One pump for testing and a backup spare. The pump fills six nano-filtration, two-stage reverse osmosis membranes via a manifold. GE is satisfied with the reliability and performance of the pump in the last two years. The only servicing carried out in that time is one oil change. The pumps have performed well in this time.		
Advantages of Hydra-Cell pump on this application	Seal-less design - the pumps could handle the solids up to 500 microns or more. Low maintenance costs - one oil change carried out in the two years of service. Steady flow rate - Minimal pulsation. Ability to run dry - The open feed tank may run empty during the testing. Compact design.		

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