

Application story



Reverse Osmosis for Offshore Platforms (2)

Location	USA	Hydra-Cell model	D10XGTSNEBC x 60 / D35XGTSNECB x 35
Type of application	Reverse Osmosis for Offshore Platforms (2)	Flow rate	D10 30 l/min (7 gpm) / D35 130 l/min (34 gpm)
Liquid	Seawater	Pressure	40 bar (580 psi)
Application details	A company that hires out and supplies RO equipment in the Gulf of Mexico is fitting its reverse osmosis units with Hydra-Cell pumps. The units are sent out for varying periods of time. While in use they run 24 hours a day, 7 days a week. The company is operating 35 G35s and 60 G10s, all fitted with 316 ST/Buna-Xt/Nitonic. Depending on usage they can get 8 months to a year's performance from each unit. With little need for maintenance while on the job, the hire company has been more than satisfied with pump performance. The hire firm was not seeing this type of performance from the pumps it used before going to Hydra-Cell. The pumps are given technical support by the local Hydra-Cell distributor, who more recently has begun converting the valve plates to Duplex SST and reports that service life has now doubled. The distributor is supporting another customer with G35s fitted in the same way, and performance is comparable.		
Advantages of Hydra-Cell pump on this application	Reliability.		

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