

Application story



Pumping Aggressive Medium at Low Pressure

Location	Rotterdam (Installation: 2021)	Hydra-Cell model	G25XKSPHFEHH
Type of application	Pumping Aggressive Medium at Low Pressure	Flow rate	70 l/min (18 GPM) @ 970 rpm
Liquid	Ammonia Water	Pressure	20 bar (290 psi)
Application details	Neoprene SS 316 pump for Atex Zone 2 pumping Ammonia 25%, 75% water. Onyx Power is an energy company that wants to contribute to climate protection. They already produce a considerable amount of electricity and heat, using sustainable and CO2-neutral fuels. They want to further expand this portfolio based on different technologies. This customer plans to convert its power plants in Germany and the Netherlands to alternative fuels instead of coal by 2030. Safety is the most important feature for the customer, so a seal-less and reliable pump was critical in choosing the right technology for their process.		
Advantages of Hydra-Cell pump on this application	Seal-less pump design for reliability, low maintenance, 100% containment and energy efficient.		

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