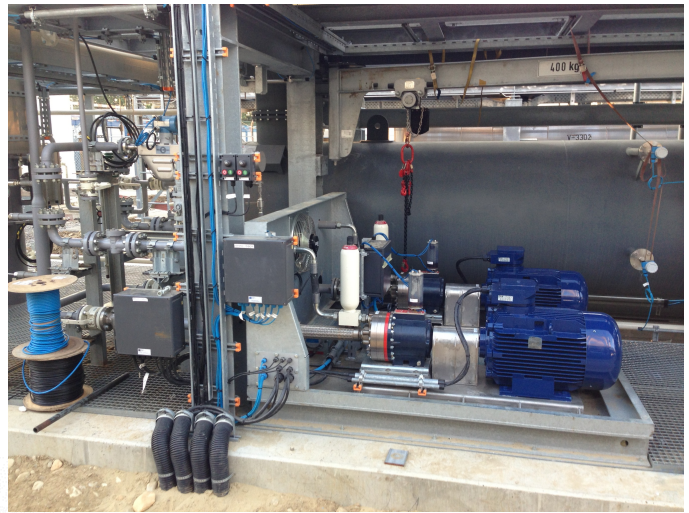


Application story



Gas Drying (11)

Location	Austria (Installation: March 2013)	Hydra-Cell model	G35XKCGHFEHH
Type of application	Tri-Ethylene Glycol (TEG) for Gas Dehydration (4)	Flow rate	5900 L/hr (1560 gph)
Liquid	Tri-Ethylene Glycol (TEG)	Pressure	7.5 bar (110 psi)
Application details	Founded in 1984, HEAT warmetechnische Anlagen are involved in the planning, production, delivery, installation and implementation of products and solutions for the natural gas industry. Offering complete erection and commissioning of turnkey plants, they are a reliable partner to operators of natural gas infrastructure and distribution, transmission operators, gas storage operators, communal customers, power plants and industrial facilities. For this application, the liquid being pumped is non-lubricating and very hot. This combination would create problems for other pump technologies, which can then make them highly unreliable and maintenance intensive. The chosen model for this application is the G35, with two of these installed to pump the TEG at flow rates of 5900 L/hour and temperatures of 80-90°C. Last reported in June 2016, the pumps have run maintenance free, giving the plant managers increased up-time and production capabilities.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Ability to pump this hot, non-lubricating liquid with ease. - Compact design, ideally suited for skid installation.		

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