

Application story



Gas Drying (2)

Location	West Texas, USA (Installation: June 2018)	Hydra-Cell model	D15XASGHFEHH
Type of application	Gas Drying Hot TEG	Flow rate	34 l/pm (8 gpm)
Liquid	Tri-Ethylene Glycol (TEG) (at 93°C)	Pressure	62 bar (899 psi)
Application details	Hot Tri-ethylene Glycol (TEG) at 93°C is sprayed through the gas stream to strip out water before the gas is transported by the compressors. The customer needed a reliable replacement to the current API 674 plunger pumps which leaked the TEG and needed regular, costly maintenance. The extra challenge was created by the extreme ambient temperatures in the Texas deserts! A seal-less, Hydra-Cell D15 pump was chosen with an oil cooler fitted to keep the hydraulic liquid in the pump at the right temperature, ensuring long intervals between pump servicing.		
Advantages of Hydra-Cell pump on this application	• Seal-less design: no leaks, no packing, no seals - eliminating maintenance • Accurate control of the TEG flow rate over a wide range		

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