

Application story



High Speed Diesel (HSD) Sampling

Location	Jamnagar, Gujarat, India (Installation: 2012)	Hydra-Cell model	G10
Type of application	High Speed Diesel (HSD) Sampling	Flow rate	10-15 l/hr (2.64 - 3.96 g/hr)
Liquid	High Speed Diesel (HSD)	Pressure	12 bar (174 psi)
Application details	This refinery is a privately-own company in India. Hydra-Cell seal-less pumps are installed as part of a High Speed Diesel (HSD) sample analyser process. In this application, a sample comes from a header pipeline and fed into analyser where it monitors sulphur contents, density, viscosity and other parameters. After measuring the parameters it is again fed to same header pipe. For feeding in the same header pipe, the pump has to generate differential pressures. The Hydra-Cell G10 Pump is installed for monitoring the HSD sample. The customer issued their first order for a motor spirit (MS) and after a few months issued an order for a further 8 pumps.		
Advantages of Hydra-Cell pump on this application	• The seal-less design provides the ability to reliably handle MS traces • Ability to run dry indefinitely without damage		

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