

Application story



Gasoline Blends - Online Analysis

Location	Brazil	Hydra-Cell model	D10XKSJSNECB
Type of application	Gasoline Blends - On-Line Analysis	Flow rate	0.3 - 0.6 m ³ /hr (1.3 - 2.6 gpm)
Liquid	Gasoline	Pressure	5 bar (72 psi)
Application details	Hydra-Cell D10 pumps were the preferred alternative to progressing cavity pumps when a specialist division of a global oil company developed measuring devices enabling critical properties of gasoline blends to be examined on-line. Previously samples had to be sent away for laboratory analysis. Readings are now taken directly from on-line samples, which are then pumped back into the pipe. Typical properties read by the 'house analysers' include density and Hg in naptha and sulphur-based liquids. The seal-less Hydra-Cell design, featuring zero leakage, has thoroughly proved itself in this application. 30 x D10 pumps are already in use.		
Advantages of Hydra-Cell pump on this application	Relatively high inlet pressure capability. Ability to pump at low flow rates. Seal-less design prevents risk of leakage.		

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