

Application story



Methanol for Boiler Fuel

Location	USA	Hydra-Cell model	G10XKBTSFHHH
Type of application	Methanol for Boiler Fuel	Flow rate	11 - 15 l/min (3 - 4 gpm)
Liquid	Methanol	Pressure	21 - 28 bar (304 - 406 psi)
Application details	For delivering methanol at pressure from a storage tank to spray nozzles as boiler fuel, this military establishment could not risk using a pump with packings or mechanical seals. Methanol is toxic and flammable, and any leakage through seals would be environmentally unacceptable. As the liquid is also non-lubricating, the likelihood of rapid seal wear and consequent leakage is increased. The Hydra-Cell pump met all specifications. It could safely handle non-lubricating liquid and easily pump it at the required pressures.		
Advantages of Hydra-Cell pump on this application	Seal-less design. Ability to handle non-lubricants.		

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