

Application story



Boiler Feed in Brewery

Location	Russia	Hydra-Cell model	G25XKCTHFEHB
Type of application	Boiler Feed in Brewery	Flow rate	70 L/min (18.5 US gal/min)
Liquid	Hot Water	Pressure	20 - 30 bar (290 - 435 psi)
Application details	Raise a Glass to Hydra-Cell® The Dzerzhinsk brewery in Dzerzhinsk City, Russia was founded in 2001 by a German brewer and is now equipped with the latest brewing technology and equipment. The company produces several brands of beer and with an eye to the past, brews kvass, a traditional, low alcohol beverage fermented from rye bread and thought to have probiotic and cancer fighting qualities. Four Hydra-Cell G25 pumps are used in this brewery for boiler feed duty, pumping water at temperatures nearing 100°C. The high energy efficiency of the Hydra-Cell pumps has generated massive energy savings for the company, while the pumps' seal-less design with no vulnerable wear parts had dramatically reduced maintenance and repair costs. The increase in service reliability is a benefit that all beer (and kvass) drinkers should be pleased with.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - It's seal-less design offering the ability to pump this hot liquid with 100% containment. - Energy savings.		

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