

Application story



Boiler Feed in Food Plant

Location	Russia	Hydra-Cell model	G25XKCTHFEHB
Type of application	Boiler Feed in Food Plant	Flow rate	70 L/min (18.5 US gal/min)
Liquid	Hot Water	Pressure	20 bar (290 psi)
Application details	Danone puts the heat on Hydra-Cell® Danone, the multinational food industry giant has been operating in Russia since 1992 and is now the largest producer of dairy products in Russia, employing over 10,000 people. In a boiler feed operation, the Company needed to replace plunger pumps that suffered premature seal wear caused by the corrosive nature of the hot water being pumped. (Water at 90°C+ is very corrosive compared to water at ambient temperatures.) The plunger pumps were replaced with four Hydra-Cell G25 pumps, supplied by Pump Union, Wanner's distributor in Russia. Having no dynamic seals to wear, seal maintenance and repair are no longer a concern (or a cost) for the company and engineers are very pleased with the performance of the new Hydra-Cell pumps.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Its seal-less design, allowing for 100% containment of the hot liquid. - With no dynamic seals, maintenance costs that were running very high are now vastly reduced.		

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