

Application story



High Pressure Coolant for Drilling, Grinding and Milling

Location	Russia	Hydra-Cell model	G10XKCTHFECA
Type of application	Machine tool coolant	Flow rate	30 lpm
Liquid	Water-mix coolant	Pressure	40 bar
Application details	The end user customer is one of the leading technology companies of Russian industry. The company is the centre of expertise for welding technology and equipment and has pioneered techniques for electron-beam welding, argon arc welding and resistance welding. At the beginning of the 2016, a Hydra-Cell G10 pump was supplied for testing in machining applications, feeding coolant to drilling, grinding and milling operations and thereby enhancing the high pressure cooling capabilities. The Hydra-Cell G10 proved to be so reliable and with reduced machining times in certain operations, the company bought the test pump and intends to purchase a further two in the near future.		
Advantages of Hydra-Cell pump on this application	The Hydra-Cell pump excelled at the ability to reliably handle abrasive fines entrained in the coolant.		

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