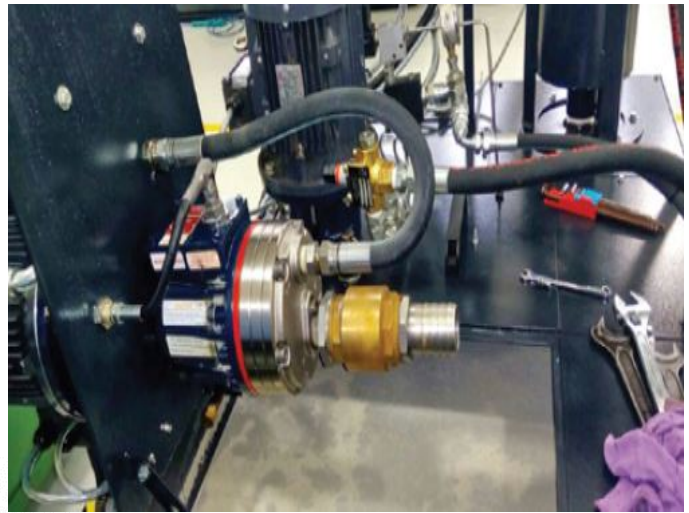


Application story



High Pressure Coolant for CNC Machine Tools (6)

Location	India	Hydra-Cell model	G10XKCTHFEYA
Type of application	High Pressure Coolant for CNC Machine Tools	Flow rate	30 lpm (7.9 US gal/min)
Liquid	Machine Tool Coolant	Pressure	70 bar (1015 psi)
Application details	One of the largest manufacturers of interconnect products in the world has installed Hydra-Cell high pressure coolant pumps at its production plant in Pune, India. In August 2016, the company purchased 12 Hydra-Cell G10 pumps to provide high pressure coolant to CNC machines used for machining connectors. The pumps were fitted to Nakamura machining centres and have operated without any issues since commissioning in 2016. The customer has been impressed with the pumps' low vibration characteristics and their minimal maintenance requirement. The pumps are also able to handle any small particulate matter that manages to bypass the filters, without causing damage. In 2017 the customer purchased a further Hydra-Cell G10 to keep as stand-by but has not had to use it to date.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell's seal-less pump design means no dynamic seals resulting in superior performance, reliability and real cost reductions: • Reliably handles fines • No seals to replace • Minimal maintenance requirement		

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