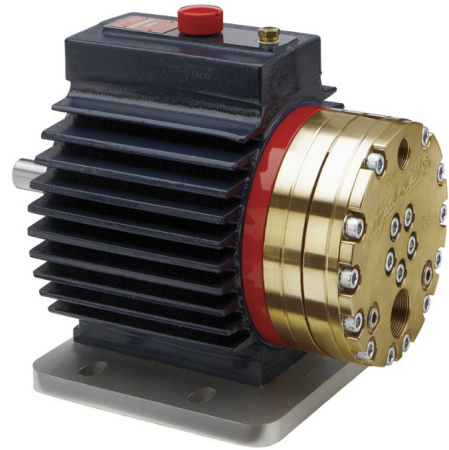


Application story



Cleaning Turbine Blades

Location	Switzerland	Hydra-Cell model	G15XDBTHFECA
Type of application	Abrasive Cleaning of Turbine Blades	Flow rate	20 l/min (5 gpm)
Liquid	Silica Carbide Grit (in water)	Pressure	140 bar (2030 psi)
Application details	Engineers at a leading aerospace and power generation company in Switzerland have developed a new process for cleaning turbine blades. In operation, turbine blades accumulate deposits that reduce the efficiency of the turbine. The usual way to clean the blades is by means of air blasting sand. The new technique uses high pressure water, with a 50% solids content (silica carbide grit). This is less damaging to the turbine blade For pumping the abrasive water mix at high pressure, the engineering team is successfully using the Hydra-Cell G15.		
Advantages of Hydra-Cell pump on this application	Seal-less design, enabling the pumping of liquids with very abrasive solids.		

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