

Application story



Dosing Hydrocarbons

Location		Hydra-Cell model	G10EKBTSFHHA
Type of application	Dosing Butane and Methanol in a Cooling Process	Flow rate	20 l/min (5.3 gpm)
Liquid	Butane Methanol	Pressure	23.8 bar (345 psi)
Application details	A major petrochemical company that produces thermoplastic resins was using two different brands of conventional metering pumps to dose butane and methanol in a cooling process. Annual maintenance costs were \$120,000, and delivery times for replacement parts could take up to six months. Transporting the pumps to the workshop was also difficult because they were so large. Hydra-Cell G10 pumps replaced the metering pumps and have provided reliable performance. Maintenance costs average only \$3,000 per year, and the compact design makes the G10 easy to service.		
Advantages of Hydra-Cell pump on this application	With its hydraulically balanced, multiple diaphragms, Hydra-Cell also provides smooth, linear, virtually pulse-free flow without pulsation dampeners. Another benefit is that Hydra-Cell produces the same flow rates and pressures with a lower horsepower motor, so energy costs are also significantly lower.		

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