

Application story



Dosing Perfume and Colourants

Location	France	Hydra-Cell model	G10XKSJSNEHB / G25XKSJNNEHB
Type of application	Dosing Additives in Production Processes	Flow rate	G10 Up to 30 l/min (8 gpm) / G25 Up to 50 l/min (13 gpm)
Liquid	Perfume Colourants	Pressure	10 bar (145 psi)
Application details	French plants of a multinational producer of detergents, shampoos, household cleaners and other products are long-term users of Hydra-Cell pumps. One plant in northern France has some 25 Hydra-Cell pumps in operation. On production processes, most are standard G10 pumps in stainless steel with Viton or EPDM diaphragms. Some are rated for use in ATEX areas. G03 pumps are also used, in the research department. Major production applications are dosing perfume and colouring agents, with operating pressures up to 10 bar. The technical director at one plant confirmed that Hydra-Cell pumps have shown a 'very high level of accuracy and reliability'.		
Advantages of Hydra-Cell pump on this application	Seal-less design, allowing reliable operation over a variety of applications. Accurate flow rates easily adjusted by controlling motor speed.		

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