

Application story


WANNER™
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Spray Drying Aqueous Emulsions

Location	Germany	Hydra-Cell model	G15XDSGHFEHB
Type of application	Spray Drying Aqueous Emulsions	Flow rate	500-3500 l/hr (130-925 gph)
Liquid	Aqueous Emulsion	Pressure	50-60 bar (725-870 psi)
Application details	Replacing a traditional high-pressure triplex metering pump, which was costing €10,000/year to maintain, a Hydra-Cell G15 pump has now been installed on this application for more than 2 years. After a 3-month trial, the pump showed no sign of wear. Over the next 2 years service no repairs were needed and only routine annual precautionary replacements of wearing parts have been made.		
Advantages of Hydra-Cell pump on this application	Low investment cost (approx 25% of previous pump). Low operational cost. Flow rate precisely variable and controllable over whole pressure range. Low pulsation, giving more homogenous product quality. Easy maintenance.		

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