

Application story



Aerosol Can Filling (2)

Location	France	Hydra-Cell model	G25EKCTHFEYA
Type of application	Production Line Can Filling	Flow rate	800 - 2000 l/hr (211 - 528 gph)
Liquid	Butane Propane	Pressure	50 bar (725 psi)
Application details	FAREVA is one of the world's leading subcontractors in the Industrial & Household, Cosmetics and Pharmaceuticals fields. Their story began in 1990, in France, in the heart of Ardèche region, with a team of passionate enthusiasts that had moved into the world of chemistry, developed its core business of Research, Formulation, Manufacturing and Production. One of their companies in Brazil already used Hydra Cell Pumps for this same application, where the pump has been installed by an engineering company (COSTER Italy). Aerochim asked Wanner's French distributor AxFlow France to supply a complete Skid available for ATEX II 2G T4 (Zone 1) area and certified by the French authorities (INERIS) for this particular application. The aim of the skid is to compress gaseous liquid of Butane/Propane from an Inlet Pressure of 12 Bar to a Discharge Pressure 35 – 50 Bar (depending on recipe) into a line that goes to the can filling machine The pump runs at variable speeds (190 to 635 RPM) depending on volume injected in each can and the discharge pressure is controlled with a regulation valve (via a pressure sensor). This new skid replaced an existing triplex piston pump which due to its age, was proving unreliable and the supply of spare parts was getting harder to come by.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application in France due the the customers previous experience of extremely reliable operation of simialr pumps in its Brazilian facility.		

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