

Application story


WANNERTM
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Spray Drying Brightening Agent

Location	India (Installation: 2018)	Hydra-Cell model	G10XKSKSNEHH
Type of application	Spray Drying	Flow rate	8-10 l/min (2-2.6 GPM)
Liquid	Optical Brightener (30-35%)	Pressure	16- 70 Bar (232-1015 psi)
Application details	The Hydra-Cell is used to pump optical brightener as a clear liquid or suspended in water and further pressurised to feed to a nozzle type spray dryer. The final product is used as a whitening agent used with various applications like textile, detergent and paper industries. Initially the customer was using a Netzsch pump but due to the change in the process parameters, resulted in the incompatibility of the existing Netzsch pump and higher maintenance costs.		
Advantages of Hydra-Cell pump on this application	• Reliable handling of solid, suspended and abrasive particles • High discharge pressure requirement up to 70.0 Bar • No dynamic seals or packing		

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