

Application story


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



Hydra-Cell Q155 within food industry

Location	Germany	Hydra-Cell model	Q155
Type of application	Hydra-Cell Q155 within food industry	Flow rate	180 l/min (48 gpm)
Liquid	Olive Oil	Pressure	120 Bar (1740 PSI)
Application details	The pump is used at the first step of oil refining process. Crude vegetal oils contain particles, phosphatides, which need to be removed from the liquid. The Q155 is used to degum the oil which is then injected at high pressure through a long pipe in order to cool down the liquid without using a heat exchanger. This process allows to significantly reduce costs as it removes the need of filtration and cooling installations.		
Advantages of Hydra-Cell pump on this application	Good resistance to cavitation and ability to handle solids		

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