

Application story


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



Emulsion Explosive Injection

Location	Hydra-Cell model G10EKSEHFHHC		
Type of application	Emulsion Explosive Injection	Flow rate	3.0 lpm (0.8 gpm)
Liquid	Emulsion	Pressure	10 bar (145 psi)
Application details	A concrete producer with more than 10 plants uses a mobile manufacturing unit in its quarry to inject the precise amount of emulsion explosive into holes more than 30 feet deep. Blasting of the materials for concrete production makes it easier for the heavy equipment to collect and haul the raw materials. Three Hydra-Cell G10 replaced packed plunger pumps on the mobile unit because the packed plunger pumps were incapable of running dry without damage and involved more maintenance. The packing required frequent adjustment and replacement from wear.		
Advantages of Hydra-Cell pump on this application	The Hydra-Cell pumps have been operating three years without problems. In addition to dry running and easier maintenance and repair, Hydra-Cell also offered a greater selection of diaphragm materials and more accurate injection for the detonations.		

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com