

Application story



Injecting PersulfOx® to Neutralise Hydrocarbons

Location		Hydra-Cell model D10EKSEHFHHC	
Type of application	Injecting PersulfOx®	Flow rate	15.1 to 30.3 l/min (4 to 8 gpm)
Liquid		Pressure	55 bar (800 psi)
Application details	A company needed to remediate areas of its facility where old storage tanks were leaking fuel. PersulfOx is a chemical reagent that when pumped into groundwater or soil, neutralises hydrocarbons through powerful, yet controlled, chemical reactions. The challenge was to design a pump/motor that could reduce engine speed to 1800 rpm because few external gearboxes are rated for input speed greater than 3000 rpm. A Hydra-Cell model D10/G10 driven by a Honda 9 hp engine with an integral 2:1 gearbox met the challenge. The pump/motor combination proved easy to mount and provides the controlled flow delivery required for the remediation process. The company reports that the Hydra-Cell has performed flawlessly.		
Advantages of Hydra-Cell pump on this application	• 100% leak-free • Constant flow rate independent of pressure		

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