

Application story



Methanol Injection for Cracking Plant

Location	Finland	Hydra-Cell model	G10XKSGHFEHB
Type of application	Methanol injection	Flow rate	1.74m ³ /hr
Liquid	Methanol	Pressure	41 bar (595 psi)
Application details	A manufacturer of polyolefins and basic chemicals, operating in Finland, is the largest oil refining and chemical centre in the Nordic countries. They have six production facilities in Kilpilahti: olefins, phenol & aromatics, polyethylene, polypropylene, Borstar polyethylene and a blending plant. In addition, there are two pilot factories for product development and an innovation centre. The G10 Hydra-Cell pump is used to inject methanol into the steam cracker plant. The cracker is the heart of the petrochemical plant so reliability and accuracy are crucial to the productivity of the process.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen over the previous traditional, single diaphragm metering pumps for the following reasons: • Exceeds API 675 performance standards • Smaller footprint • Lower maintenance costs • Pulse-less means no need for pulsation dampeners		

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