

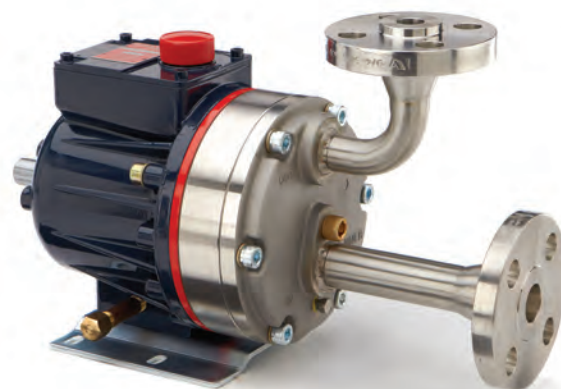
OIL & GAS INDUSTRY

Quick STUDY

Hydra-Cell[®]
Seal-less Pumps

www.Hydra-Cell.com

Location:	Netherlands
Application:	Metering red dye into diesel fuel
Media:	• Dye
Model No.:	D10SKRJSHHHB
Flow Rate:	3 gpm (12 l/min)
Pressure:	30 psi (2 bar)
Hydra-Cell Advantages:	• Seal-less design • Wide material selection • Ability to handle aggressive liquids



Metering Red Dye into Diesel Fuel

A company was using an eccentric progressive cavity pump with an FPM stator to meter red dye into diesel fuel. The pump only runs for several hours per year. It was impossible to clean this pump and as a result the stator, over time, had swollen, requiring an expensive repair.

The local Hydra-Cell distributor recommended the D10 pump to replace the progressive cavity pump, based on its ability to handle the abrasive, corrosive red dye. PTFE diaphragms were selected to ensure no further risk of swelling caused by the liquid.

Characteristics of Fluid Pumped:

☒ Contains Abrasives ☒ Corrosive ☐ Solids in Suspension ☐ High-temp. (>158°F/70°C) ☐ Non-lubricating ☐ High-viscosity (>500 cPs)