

Special Solutions

OM Pumps



Magnesium oxide slurry dosing

These are designed for dosing diluted magnesium oxide slurry into diesel. Working with the manufacturers of the magnesium oxide slurry, since 1980 the **OM** pump has been specifically designed with special wetted materials for this application. It is available with both spring and positive return mechanism (*flow rates up to 68 litres per hour, 18 GPH and operating pressures up to 50 bar g, 725 PSI g*).

< *Pump type RB 16 MA 36 OM
5 l/h @ 40 bar g spring return mechanism.*

MHBN/MHCN Pumps



Filter aid (kieselgur) dosing

OBL is a world leader in the manufacture of metering pumps for filter aids, used for wine, beer and fruit juice filtration. These are diatomaceous earths known as Kieselgur. A range of pumps is available including lip seal plunger pump, mechanical diaphragm and hydraulically actuated diaphragm. These meet the general requirements for flow rates and pressure (*100 litres per hour, 26,5 GPH at 10 bar g, 145 PSI g*).

< *Pump type MHBN100 PP
The type of pump that best meets both the technical and economic requirements is the MHBN/MHCN versions. These are specially designed with PP heads, FDA silicone seals and an AISI 316L seats and balls coupled with the **OBL** unique PTFE mechanical diaphragm.*

HV Pumps



High viscosity dosing

Specifically designed to handle high viscosity products the **HV** pumps are available in packed plunger version only with either spring or positive return mechanisms. These pumps are capable of handling products with a viscosity up to 55,000 cP with each head capable of achieving flow rates of up to 150 l/h (40 GPH).

< Pump type *RCC 16 HV 50 DV* - 6 l/h - 10 bar g. Spring return mechanism.

CN Pumps



Microdosing

These pumps are designed to handle extremely low flow rates where continuous dosing is required. These packed plunger pumps are able to control down to addition levels of 15 ml/h (0.04 GPH) at a maximum pressure of 40 bar g (600 PSI g) due to the unique **OBL** packed plunger design and the use of exotic materials for valves components.

< Pump type *RCN 6A 70 TL* - 500 ml/h max capacity - 40 bar g max pressure.

< 1% step dial STD manual adjustment.

