



FTC MANUAL DOSING SYSTEM ASSEMBLY & DOSING INSTRUCTIONS

Fuel Technology engineers have developed a simple, low maintenance dosing system designed for adding FTC catalyst to fuel storage at time of tank wagon delivery.

Equipment involved comprises:

- 205 litre drum rack
- 20 litre calibrated measuring container
c/w 19mm (¾") quick shut valve)
- 19mm (¾") drum decant valve and hose
- 75mm (3") or 100mm (4") Kamlok Venturi Adaptor



ASSEMBLY INSTRUCTIONS

The system is assembled as illustrated in the photographs 1 and 2. The Venturi adaptor is attached by Kamlok to the entry of the fuel unloading pipeline on the suction side of the fuel transfer pump. The 10mm nylon tube is cut to the required length and plumbed between the calibrated 20lt cube and venturi with the compression fittings supplied (*Ref: Photograph 2*).

The 205 litre drum is mounted on the drum rack with 19mm valve and decant hose in place. (*Ref: Photograph 1*).

Photograph 1

DOSING INSTRUCTIONS

The tanker discharge hose is Kamlok connected to the Kamlok venturi adaptor, or where a tanker discharges by means of a power-pack or PTO pump, the venturi must be positioned onto the suction side of the pump.

The 20lt cube is calibrated in thousands of litres of fuel to be treated. Fill the cube to the required level. With the fuel transfer pump operating, open the valve at the base of the cube. FTC will be drawn into the fuel via the venturi action. If suction does not occur or is slow, raise the cube above the level of the pipeline. When the FTC has been discharged from the 20lt cube close the valve on the base.

Note: The fuel transfer pump must be operating and the cube filled before the valve on the 20lt cube is opened and the valve closed again when the cube is emptied.



Photograph No. 2