

## MASTERCLEAN CL5

### DESCRIPTION:

Detergent fluid recommended for cleaning hydraulic circuits and from all types of oil pipes.

### PROPERTIES AND ADVANTAGES:

- ✓ Miscible with all mineral oils used in hydraulic and lubrication systems.
- ✓ High detergent and dispersant power in order to guarantee proper cleaning of the circuit, dissolving sludge, lacquers, deposits and impurities adhered inside the circuit.
- ✓ It allows for the cleaning of pipes and circuits without the need for dismantling.
- ✓ With its high lubricating power, it does not harm the mechanisms of machines or circuits.
- ✓ Free of compounds that may affect metal surfaces, or joints and seals.

### APPLICATIONS:

Cleaning of all types of hydraulic circuits, of general lubrication, speed reducers, hydraulic transmissions, tanks, oil pipelines, etc.

- ✓ CURATIVE action to use in cases with extreme dirt.
- ✓ CORRECTIVE action to be used in cases with medium dirt.
- ✓ PREVENTIVE action for use before each oil change.

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Density at 15 °C, Typical (kg/l)	ASTM D-1298	0.810
Viscosity at 40 °C (cSt)	ASTM D-445	4 - 6
Flashpoint COC (°C)	ASTM D-92	> 120
Aniline point (°C)	ASTM D-611	> 90

### HOW TO USE:

1.- CURATIVE ACTION: Extract all the used oil you can and replace it with an enough MASTERCLEAN CL5 quantity for the pump to work correctly. As far as possible, remove the filters. If not possible, control them so that they don't clog. Start the machine without load, making circulate the product for 1 to 2 hours without interruption, depending on the degree of dirt. Drain, place, and replace the filters, and fill the circuit with the OLIPES oil recommended for the mechanism, periodically checking the state of the filters during the first days.

2.- FOR CORRECTIVE ACTION: Add approximately between 5% and 10% of MASTERCLEAN CL5 to the oil in use and keep working with the machine in the usual way for about 48 hours, controlling the filters so that they are changed if they become clogged. Drain, replace the filters, and fill the circuit with the OLIPES oil recommended for the mechanism, while checking the state of the filters periodically during the first days.

3.- FOR PREVENTIVE ACTION: Add around 2% of MASTERCLEAN CL5 to the oil in use a few hours before its scheduled change. Drain, replace the filters and fill them with the recommended OLIPES oil.

NOTE: If possible, do the draining while hot, after stopping the machine.

NOTE: In the case of circuits that get dirty easily, you can add around 1-2% of Masterclean CL5 to the oil inside the circuit, thus managing to keep the system clean continuously.

### PACKAGING:

5 L bottle.