



# Assembly and Operating Instructions

## Electric drip-feed oiler ELO



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### Assembly:

The electric oiler ELO (sizes \* 140 - 3000) has an assembly thread G1/2 with nut and washer. The electric oiler can either be directly screwed onto the oiling point or fitted into a 21 mm diameter boring. A lubricant drain can be fitted to the G 1/4 female thread on the assembly thread via a tube connection or pipe union.

**Attention:** The electric oiler must be vertically mounted in order to properly function.

### Electrical Connection:

For electrical connection, the UNI electric oiler is equipped with a standardised (DIN 43 6501/LEC 4400) two pole line socket (AF design).

Electrical lines with a diameter of 4,5 - 7.0 mm (PG 9) can be connected to this line socket assembled in series.

The line socket's pole contacts are marked with (1) (2) and protective conductor (symbol).

**Attention:** Electrical connections are as follows:

1 - plus pole

2 - minus pole

Symbol - protective conductor

Multiple-strand wires should be tinned or fitted with ferrules at their connection ends. Please note that the voltage connected must be the same as the nominal voltage specified on the product type plate.

Care must be taken that the electric oiler is not exposed to any conductive fluids (IP 20).

Connection of the equipment must be carried out by a person who is authorised to work on electrical installations.

### Setting-up:

1.) Connect to electrical supply (See "Electrical Connection")

2.) Half fill supply container

3.) Switch on electric current

4.) Set the desired number of drops using the valve screw (part No. 23 - 00014)

Turning anti-clockwise - open

Turning clockwise - close

5.) Completely fill supply container

**Attention:** It is vitally important that the electric oiler should never be run without fluid.

### Maintenance:

To avoid a failure of the electric oiler it is advisable (depending upon the degree of contamination of the filled fluid) to flush the unit at certain intervals with petroleum ether or benzene, if any other fluid is to be used for cleaning it should first be checked for possible adverse effects on PLEXIGLAS and Perbunan (NBR). If the unit becomes blocked or when changing a magnet coil the following steps should be taken:

1.) Lift off dust cap and remove valve screw.

2.) Loosen hexagon nut 14 with a socket spanner and remove. Lift off filling bowl, upper container plate and container glass.

3.) Insert a pin punch through the upper hole of the central holder pipe and remove pins by turning. If during this work the holder pipe loosens itself from the magnet core, this must be corrected before reassembly by seating the thread of the holder pipe anew with fluid sealant. The magnet anchor with valve needle is now free and can be cleaned.

4.) If a magnet coil has to be replaced, this is done after steps 1.) to 3.).