

Technical description

Submersible oil heater 250W 230V

Article number 26-4931 - 26-4938

Intended use

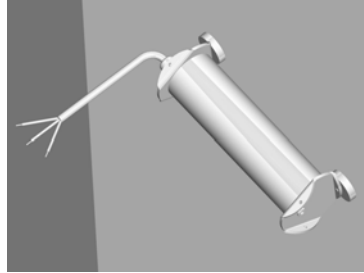
Submersible oil heater is intended for pre heating hydraulic oil before start up to minimize wear of the system. Easy to use in existing oil tanks, no need for permanent installation (may be installed to the fixed wiring). Reduces water content in the oil.

Description of the heater unit

Submersible oil heater consists of two major external parts, heating cylinder and supply cord.

Heating unit contains:

- Stainless steel cylinder
- Top sheet
- Bottom sheet
- Supply cord, 4m long.
- Magnets 2pcs
- Cable Gland
- Thermostat 40°C



Use

- Heater shall be connected with an earth fault breaker.
- Heater must be at least 3cm below surface of the fluid, don't run it out of fluid.
- Not to be used with fluids that have a flame temperature below 190°C temperatures
- Thermostat at 40°C, starts to warm again when temperature has dropped 11K
- If Submersible oil heater is connected to permanent installation it must be connected to a two-pole circuit breaker with length of break of at least 3mm.

Transport and storage

- Transport and storage of the Submersible oil heater should be done in the temperature interval of -40°C to +100°C, avoid condensation.
- Submersible oil heater shall not be exposed to hard shocks or blows, internal heater may shatter.

Fault tracing

If the Submersible oil heater doesn't get warm, check:

- Supply cord is connected to power supply.
- Heater is switched on, if connected to the fixed wiring
- Voltage in power supply is 230V.

If the fault remains contact the manufacturer.

Cleaning

No specific need for cleaning, but wipe it clean of oil and check for damage if not to be used for a while.

Safety

Submersible oil heater must NOT be disassembled.

Repairs and changes of other components shall be done by the manufacturer.

This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by person responsible for their safety.

Markings

- Rated voltage and power.
- CE (shows compliance with Low Voltage Directive, 2006/95/CE).
- Name of manufacturer.
- Type reference



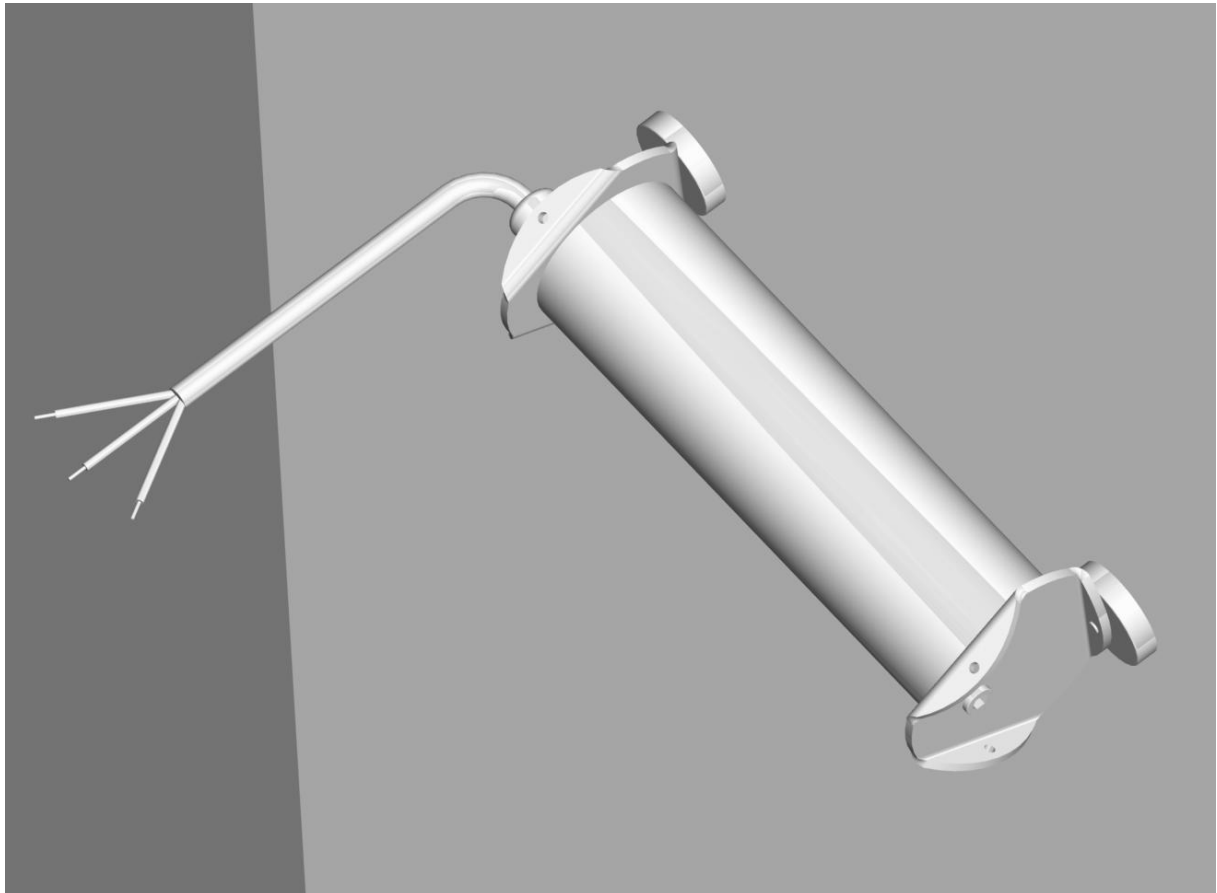
Manual
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1.
Place the Submersible oil heater in the oil tank.
Use the magnets for fastening the heater in the oil tank to avoid it to move around (if applicable).
2.
Connect Submersible oil heater supply cord to the power supply (230V).
If the heater is permanently connected to the fixed wiring, switch on the heater.
3.
Submersible oil heater will now start to heat up the oil to 40°C; this is the imbedded thermostat opening temperature.
When temperature has been reached the heater will shut off and not restart until temperature has dropped 11K.
4.
After use it can be left in the oil tank, if not to be used for a long time it's recommended to take it out of the tank and wipe it clean of oil.
Before removing the heater from the tank, disconnect from power supply. If permanently connected to the fixed wiring, switch off the heater.
If to be taken out of the oil tank right after heating, be careful, let it cool before handling, risk for burn injury.

Before use, look for any damage or defects on the Submersible oil heater

Warning!

Connecting Submersible oil heater when not under fluid surface may cause damage, surface gets very hot.



For further handling and fault tracing, see Technical Description.