

# Submersible oil heater



## >> Description

The submersible oil heater from Backer is intended for preheating of hydraulic oil before start up to minimize wear of the system. The preheating also reduces traces of water in the tank. Easy to use in existing oil tanks, there is no need for permanent installation. The oil heater is fastened in the bottom of e.g. the oil tank with integrated magnets.

If the heater is to be lifted in and out of the tank regularly, we recommend the accessory kit with a lifting wire to minimize the risk of damaging the connection cable. The heater comes in six standard versions, but if desired it can be produced according to other specifications.

## >> Technical specification

Material	Stainless steel EN 1.4301/SS 2333
Connection	Electrical connection 3x1,0 mm <sup>2</sup> , 4 meter cable
Voltage	24 V, 230 V or acc. to customer spec.
Hysteres	11°C or acc. to customer spec.
Weight	1.4–3.1 kg
Fixing device	No fixing device needed, fixed with integrated magnets in the bottom of the container.
Surface load	0,9 W/cm <sup>2</sup>
Standard	CE-marked acc. To LVD, 2006/95/CE
Others	Heater complete with thermostat. Should be at least 3 cm below fluid surface during use. Not to be used with fluids with a flame temperature below 190°C
Accessories	Kit with lifting wire.



## >> Standard range

Power	Voltage	Cutting temp.	Dimension L x W x Ø mm	Art.no.
250 W	230 V	40°C	225 x 74 x 67	6150432301
500 W	230 V	40°C	325 x 74 x 67	6150432302
1000 W	230 V	40°C	525 x 74 x 67	6150432303
250 W	230 V	20°C	225 x 74 x 67	6150432304
500 W	230 V	20°C	325 x 74 x 67	6150432305
1000 W	230 V	20°C	525 x 74 x 67	6150432306
250 W	24 V	20°C	225 x 74 x 67	6150432307
250 W	24 V	40°C	225 x 74 x 67	6150432308

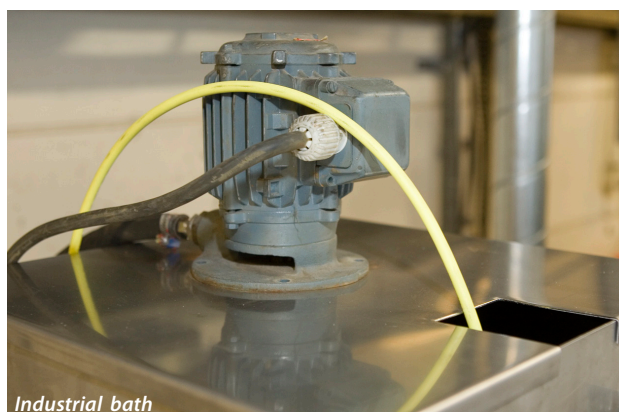
Suspended wire elements

## >> Benefits

- No permanent installation
- The whole heater can be under the fluid

## >> Fields of application

- Gearboxes
- Hydraulic systems



Industrial bath