



# 4.1.3 Tank heater

## Model tank heater for hydraulic fluid

### INSTALLATION

- place the heater in a horizontal position at the ground or set it up vertically
- the cable is led outside through the side wall or the cover and attached with the cable gland
- In steel tanks the heater can be held up by magnetic clamps. In addition, the magnetic clamps will pull the unavoidable fine metallic parts from the oil and thus protect the aggregates from wear



### POWER DESIGN\*

For example: At an ambient temperature of 0 °C it will be possible to hold approx. X liters at a temperature of Y °C with a power of Z

POWER (APPROX. WATT)	10 °C TANK CAPACITY (APPROX. LITER)	20 °C TANK CAPACITY (APPROX. LITER)	30 °C TANK CAPACITY (APPROX. LITER)	40 °C TANK CAPACITY (APPROX. LITER)
250	250	125	85	60
500	500	250	165	125
1 000	1 000	500	330	250
2 000	2 000	1 000	660	500

\*non-binding calculation

### ALTERNATIVE DESIGN

- other cable lengths
- other specific surface load
- other voltage or power
- other materials
- three-phase connection
- stronger magnetic clamps

