

Intec Thermal Oil Heater

Compared to the conventional plants using hot water and/or steam, thermal oil as heat transfer medium offers the advantage that it can be nearly heated without any pressure until reaching a temperature of 320 °C. In order to achieve high safety standards, Intec thermal oil systems comply with all the regulations of marine classifications.

Intec delivers complete thermal oil heating systems. The main components are produced in our manufacturer plant Intec Rohrtechnik providing the highest levels possible.

The Intec heater, typ ET 600/40 VS, on board of the water recovery vessel built by Huelva SY will provide heat for the waste oil tanks. The heater has a capacity of 600 kW and the burner is running at diesel oil.

The four recovery tanks with water and wasted oil will be heated up to a temperature of about 50 °C. This will be done by the thermal oil flowing through the heating coils, which are mounted in the four tanks. The feedline temperature of the thermal oil to the tanks will be approx. 180 °C to a maximum of 200 °C.



ET 600/40 VS

The thermal oil installation will run fully automatic. The heater is running on diesel oil. The heater heats thermal oil up to a maximum of 200 °C. The heater has been approved by classification as well as the burner and circulation pump. The system has been engineered by **Intec Engineering GmbH.**

The maintenance of the thermal oil installation is very easy to handle.

The service of the control panel is very user friendly and is surveyable. It has all necessary control and safety elements according to classification rules.



**Control panel
ET 600/40 VS**

Intec Engineering GmbH - office The Netherlands
Kamperweg 27
NL 8181 CS Heerde
The Netherlands
Tel + 31 (0) 578 691843
Efax + 31 (0) 84 739 1388
Email info@abheatec.com