



NESS Thermal oil systems

For heating at a high temperature level

Thermal oil plants are used in almost all manufacturing industries. The decision for a thermal oil plant is almost obvious for some processes, as thermal oil has many compelling properties. For example, the operation of the plant is possible up to a temperature of about 350 ° C almost without pressure and extremely efficient.

As an expert in process heat, we are the right partner for all questions regarding the temperature control of your process plants. All NESS products are thermodynamically optimized. We attach great importance to high efficiency, longevity, safety and availability as well as excellent heat transfer of our systems. Our development team is happy to develop new solutions with you.

Your success is important to us, so that together we can design and optimize your plant individually for you.

- **Temperature range**

Depending on the application and thermal oil up to 300 ° C or 430 ° C

- **Power**

Direct fired heaters in the power range from 160 kW to 16,000 kW and electric heaters with a power range up to 1,000 kW

- **Heat transfer medium**

Mineral oil and synthetic oil

- **Fuel**

Natural gas, LPG, heating oil, biomass and by-products (gaseous, liquid or solid) or electricity

