



TOTAL SUPPORT FOR HEAT
TRANSFER FLUID USERS

System Components

Heat Transfer Systems Limited provides total support for Heat Transfer Fluid users. We strive to achieve optimal heat transfer fluid system performance for our customers through a thorough understanding of their systems and of heat transfer fluid behaviour across the entire operational temperature range.

Thermal Fluids

HTS has a wide range of thermal fluids available for supply. We offer Mineral Oils including HTS Magma Extreme which utilizes the latest unique anti oxidant, low sludge additives for High Thermal Stress Mineral Oil Systems running up to 310 degrees centigrade as well as HTS Magma FG for use in the food industry.

Heat Transfer Systems also supplies the full range of Therminol Synthetic Fluids with temperature capabilities from as low as minus 115 degrees centigrade to 400 degrees centigrade.

Spray Rings

Wherever possible, HTS advocates the use of our range of anti-spray rings on all thermal fluid system flanges. These simple-to-fit rings can be fitted either on system installation or as a retro-fit and are available in all DIN and ANSI flange sizes. The latch locking mechanism means that the risk of a fine spray of a thermal fluid from a flange can be eradicated in a matter of seconds without tools.



Pumps

HTS provides a comprehensive range of pumps for heat transfer fluids. As independent suppliers, we offer a range of pumps from many manufacturers to include gear, centrifugal, magnetic and canned drive units. Applications covered range from -100°C to 450°C so we can supply the pumps appropriate to a diverse range of requirements.

Valves

We offer a comprehensive choice of valve products and valve types including bellows seal valves, three-way valves and mixing valves with sizes ranging 12mm PN16 up to PN40 300mm.



Leak Detectors

Leaks on thermal fluid pumps are often an indication of impending failure. This will often lead to unplanned down-time and in certain applications can be dangerous. Heat Transfer Systems supply and highly recommend the use of high temperature leak detectors which can be retro-fitted and set to either warn thermal fluid users of a potential issue or be used to switch the system to standby equipment.



For more information on any of our component supply and maintenance services please contact

Heat Transfer Systems Limited • Ridge Hall • Chapel-en-le-Frith • High Peak • Derbyshire SK23 9UD
Telephone: +44 (0)1298 815862 • Fax: +44 (0)1298 815863 • Email: office@heattransfersystems.co.uk
Web: www.heattransfersystems.co.uk