

**InSynch Energy Services are the UK distributor for the Advanced Heat Transfer Fluids (AHTF).**

Fuel Efficiency	Cleaner Environment	Energy Cost Savings
Easy to Install	Non-Invasive Product	Lower Carbon + Emissions

AHTF is an energy saving nano technology based heat transfer fluid for various industries and environments worldwide. The product increases in efficiency and saves energy in all hydronic applications. The applications include systems using water, ethylene or propylene glycol.



## Technology

Nano technology is science, engineering and technology conducted at the nanoscale level which is 1 to 100 nanometers. At present nano technology is used in medicine, agriculture, cosmetics, clothing, aerospace, solar and batteries.

## Chiller Efficiency

Reduces the pressure difference on operating chiller units, therefore increasing the efficiency of the chiller.

## Installation Process / Product Offer

Our product is introduced to the system after survey based on calculated system litres to provide maximum efficiency. The fluid is introduced via a mixing system based on a skid based design on 1:6 ratio.

## Applications / Environments for AHTF and Benefits

Application	Results Include
Commercial/industrial HVAC systems	Lower operating cost
Data centres	Lower power usage, reduced cost
Power generation plants	Decrease parasitic load
Pharmaceutical	Increased energy recovery
Oil and gas	Increased heat recovery
Food processing	Increased heat recovery
Co-gen plans	Increased waste heat utilisation
Health care / hospitals	Lower operating costs
Care homes	Lower operating costs
Cold storage	Lower operating costs

**Please contact InSynch Energy for a no obligation quote, details below.**