

HYDRAULIC HEAT EXCHANGER

Introduction

These oil coolers are also suitable for heat transfer fluids, lubricating and quenching oils. They are high-quality product incorporating the best material and the latest technical features. The tube stack is fully floating, so that thermal stresses are minimised and it can be easily removed, should cleaning be necessary.

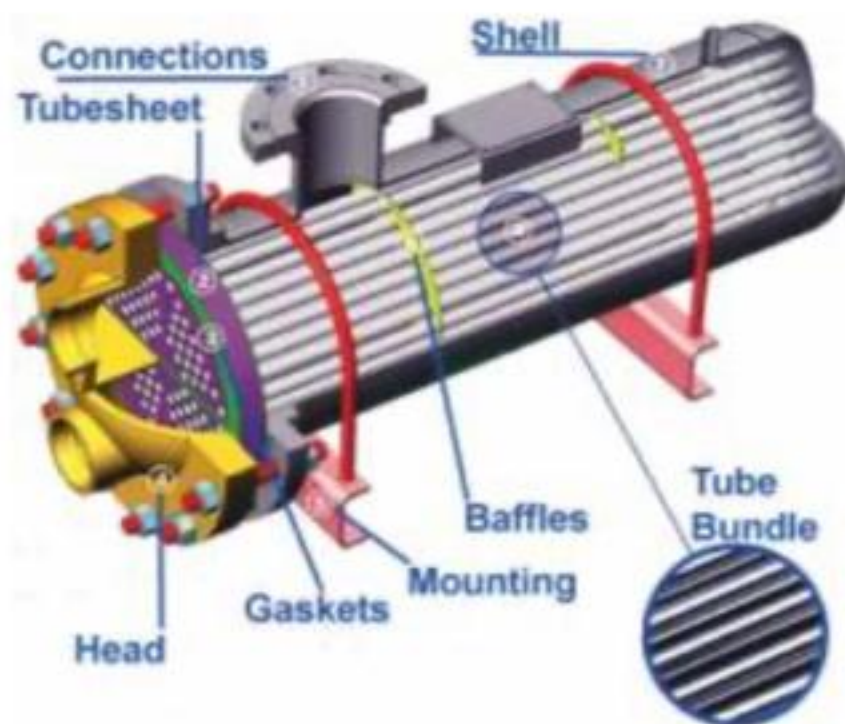
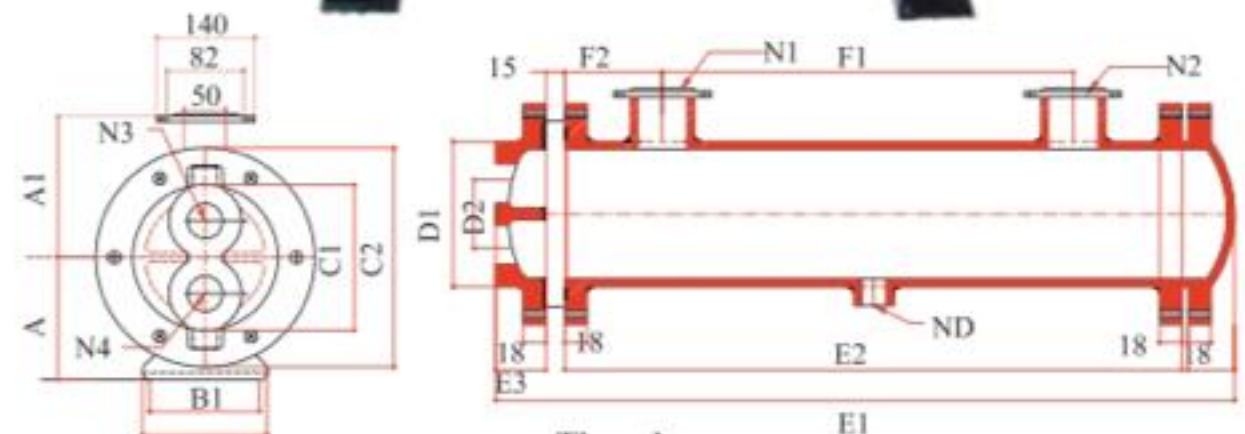
SUFON HEAT EXCHANGER

Operating & Maintenance

No oil cooler manufacture can guarantee that his products will have an indefinite life and for this reason, we suggest that the cooling system is designed to minimise any damage caused by leaking oil cooler.

This can be achieved of follows:

1. The oil pressure should be higher than the sea water pressure, so that in the event of occurring, the oil will not be contaminated.
2. When the hydraulic system is not being used, the cooler should be isolated from sea water pressure.
3. The sea water outlet pipe from the cooler should have a free run to waste.
4. Stainless steel sea water pipes and fittings should not be used adjacent to the cooler.
5. Ensure maximum stated flow rates are not exceeded.



Cast Bonnet
Provides fluid into tubes with minimum restriction one, two or four pass interchangeability

Mounting Bracket
(Heavy Gauge Steel Mounting Bracket adjustable in orientations to 360 degrees)

Flow Cavity
(Generously sizes to allow for minimum pressure drop and more uniform flow)

Drain Port
(Drain ports allow for easy draining if tube side. optional zinc anode can be inserted in place of plug)

Tube Joint
(Roller expanded tube joint to integral forget hub)

Thread
(CNC precision threading to provide accurate leak proof connection)

Baffles
(CNC manufactured baffles to provide maximum turbulence and heat transfer with a minimum fluid pressure drop)

Full Face Gasket
(Full-face composite Gasket)

For GED Hub
(Premium Quality forging with full opening designed for minimum pressure drop)

Finish
(Yellow Color)

Bundle Assembly
(CNC precision manufactured parts to guarantee a dose fit between the baffles, tube and shell. Clearance are minimized to provide for maximum heat transfer)