

FLUIDS



FLUID COOLERS
FOR MACHINE MANUFACTURERS
MADE IN ITALY

Maintenance, protection, cleaning and circulating fluids

ISO 9001:2015
certified Quality Management System



TO PREVENT

EUROCLEAN 1045

Euro Cold completes its offer of cooling solutions for manufacturers of machines and industrial systems, with a range of specific chemical products for the hydraulic circuits of water cooling systems.

TO REGENERATE

EUROCLEAN 1250

- Easy and ready-to-use, must not be diluted.
- Compatible with any metals and seals.
- Do not contain toxic substances harmful to the environment.
- Simplify machines maintenance.
- Reduce machine's malfunctions and downtime.

TO MAINTAIN

EUROTERM 131

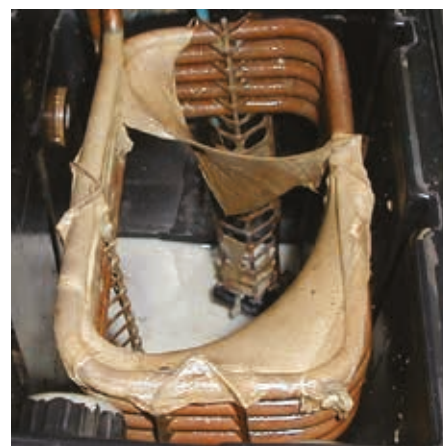
EUROGEL AL

EUROGREEN 131

The water used to transfer heat loses its stability.

The increase in temperature and/or pressure, especially in the coldest areas of the circuit, causes calcium salts to precipitate, resulting in corrosion and deposits.

In the multi-metal circuits, the electrical/chemical phenomenon adds to this chemical reaction, due to the difference in the electrical potential of metals in the oxygen diluted in the water.



Features

TO PREVENT

EUROCLEAN 1045

A cleaning product for hydraulic circuits used to restore the ideal conditions of the machine prior to the installation of a new water cooling unit.

It removes the residuals left by the hydraulic circulation of the machine or the device, as a natural consequence of the tubes and fittings assembly.

The residual oils (biomasses) generate bacterial proliferation and subsequent clogged nozzles, flow switches and small obstructions.

Advantages

- Strong degreaser
- Prevents deposits, impurities and algae
- Does not contain any solvent
- More than 90% biodegradability
- Neutral pH, can be used without specific precautions

Package: 25 kg tank

TO REGENERATE

EUROCLEAN 1250

A cleaning product used to regenerate hydraulic circuits, deteriorated during the functioning of the machine due to mainly ferrous deposits containing calcium.

Alterations and deteriorations of hydraulic circuits can provoke a poor performance of the cooling machine and frequent downtime.

Advantages

- Efficiently removes encrustations and deposits
- Works as a cooling liquid during the functioning of the machine
- Prevents long and expensive machine downtime
- With Neutral pH, can be used without specific precautions

Package: 25 kg tank

Notes

Recommended for water chillers, with working range between +5°C and +40°C, in standard conditions.

For use in special processes, please contact our offices.

Must not be used for direct cooling of laser sources.

In the majority of cases, EUROCLEAN and EUROTERM proved to be adequate in a wide range of machines.

However, we recommend you to verify the effective compatibility with the specific features of your machine before using it, according to the technical safety data sheets available in the [DOWNLOAD](#) area of our website.

TO MAINTAIN

EUROTERM 131

A circulating fluid for chillers that use water to remove heat. It is the most important product for cooling circuits of machines and is recommended by Euro Cold.

Advantages

- Maintains the chemical and the metallurgical conditions of the hydraulic circuit
- Prevents corrosion, encrustations, calcareous deposits
- Prolongs the working life of the machine
- Reduces repair and maintenance interventions
- Weak odor and low environmental impact
- Contains biocide agents that can prevent the formation of algae (in case of circuits contaminated by algae)

Usage notes

When the product is used as protection against the formation of algae, it is essential to clean the new circuit with our EUROCLEAN 1045 liquid and replace it annually.

If the absence of algae is evident at the time of replacement, simply change the product. In the case of algae, it will be necessary to clean the circuit by washing with the EUROCLEAN 1250 liquid and rinsing with water before introducing the new EUROTERM 131.

Package: 25 kg tank

EUROGEL AL

A circulation fluid for water chillers, recommended when a degree of purity for safe use in food is required in the additives.

Advantages

- Non-toxic, with a degree of purity
- Maintains chemical and metallurgical conditions of the hydraulic circuit
- Prevents corrosion, encrustations, calcareous deposits
- Prolongs the working life of the machine
- Reduces repair and maintenance interventions
- Weak odor and low environmental impact

Package: 25 kg tank

EUROGREEN 131

This is our new circulating fluid for water chillers, to remove heat.

This product has the same features as Euroterm 131 and Eurogel AL but, since it doesn't contain propylene glycol, it is nontoxic.

Advantages

- Nontoxic
- Higher biodegradability
- Ecologic and green

Package: 25 kg tank