FLOIXEM

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FLOIXEM® CS

Cleaner for water – glycol circuits.
Specifically for solar energy systems.

Description and applications:

The product can dissolve the degraded products, precipitations and scale formed during the overheating of the glycol-based heat transfer fluid.

Formulated with complexing and dispersing agents, it removes the sludge and tar from the pipes and keeps it in suspension for proper removal from the system. Based on biodegradable, non-oxidising organic acids to ensure that the metals in the systems remain intact.

Compatible with all kinds of plastics (HDPE, PP, PA, etc.), metals (iron, mild steel, brass, cooper, solder, aluminum, stainless steel, etc.) and rubber (EPDM, NBR, FPM, Si, NR, etc.) usually present in heating and cooling circuits.

Technical Data:

Appearance	Clear green Liquid
pH (20%)	4,5 – 5,5
Solubility in water	Totally miscible
Flash point	>100°C

Data has been gathered in specific bibliography and proprietary tests. It is not part necessarily of the technical data.

Properties:

- Restores the flow in dirty and rusted circuits.
- Compatible with aluminum and light alloys, stainless steel, copper, brass, cast iron, carbon steel and common elastomers.
- Fast cleaning, non-aggressive product.
- Neither corrosive, nor dangerous.
- Does not produce burns in contact with the skin.
- Does not generate corrosive fumes.
- Does work at almost neutral pH
- Biodegradable.

Dosage

Eliminate the degraded previous fluid from the circuit as completely as possible.

This is a concentrated product that must be diluted before use. The recommended dilution rate is 15-20%.

After filling the system let the product circulate for several hours between 50 and 60°C. Depending on the system's condition, the cleaning process will take a different time. Between 4 and 8 hours is usually sufficient. Temperatures above 90°C should be avoided, since there may be incompatibility issues with the seals.

For a proper cleaning process, it's recommended to ensure a good volume flow rate through the whole circuit. Use a centrifugal pump equipped with a transparent filter in the suction line to visually control the cleaning process and the solids generated by the dissolution of the tar present in the circuit. Clean or replace the filter element if necessary.

After the completion of the cleaning process, the cleaning fluid must be drained from the system as completely as possible. Any remaining liquid in the system can be flushed out with water followed by compressed air. Small amounts of cleaning products should not affect the performance of new coolant antifreeze.

Precautions:

The product is not classified as flammable, irritant or toxic according to Directive 2001/58/EEC. In any case, it is recommended to take the usual precautions when handling chemicals.

There are no restrictions on storage or shipping.

The product is stable under normal storage conditions: in its original closed container and protected from direct sunlight, the shelf life is at least 2 years.

Protect from frost.

Presentation:

2 Kg.	8	256
20 Kg.	-	36