

Technical Information

hebro[®]pure 100

Microbiocide system cleaner for reconstruction of metal working machines

hebro[®]pure 100

- Is a highly-effective, high alkaline system cleaner, which combines excellent cleaning performance with very good effectiveness.
- Dissolves contaminations, bacterial slime, fungi and yeast colony, cleans and disinfects the tank and lines also at inaccessible places.
- Is universal in use for mineral oil containing, semi- and fully synthetic cooling lubricants.
- Has a good immediate effect and good anti-corrosive properties; faint odour and does not contribute to the AOX-value.
- Is approved in accordance to the EU-biocide-directive 98/8 EG with license number N-42384 und N-42385 for the use in cooling systems and for cooling lubricants.

hebro[®]pure 100 offers the following advantages

Economic	A fast and problem-free cleaning reduces downtimes and labour costs.
Cost-effective	High economy through low required quantities.
Incombustible	No fire- and accident risk.
Safety at work	Is free of solvents, develops no toxic fumes.

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Application:

- For cooling lubricant systems 1 - 3 % **hebro**[®]pure 100 can be added ^{08/10} directly to the water-mixed cooling lubricant. Normally work can continue readily during the use of the system cleaner. Deposits and adhesions in the system are replaced and are flushed out with the emulsion. For prevention of obstructions a monitoring of sieves and overflow pipes is advisable.
- In addition to the excellent cleaning performance the bacterial count in the system is considerably reduced, so that the cleaning is finished already after 6-24 hours and the system is redeveloped due to the microbiocidal effectiveness. For heavy microbial contamination a comprehensive redevelopment is only useful through the combination of chemical system cleaning and mechanical cleaning. After the end of the contact time (normally one layer) system cleaner containing cooling lubricant emulsion is drained of as usual.

Note: **hebro**[®]pure 100 has proven to be well-tolerated with ultra filtration plants.

Attention:

Before the use of **hebro**[®]pure 100 fill the cooling lubricant container completely to the top so that there accumulated and fixed bacteria can be dissolved. Grinding machines should not be cleaned and disinfected during the running production of **hebro**[®]pure 100, because disturbances caused by foam formation can occur. Furthermore a more thoroughly rinsing should be ensured to avoid a product entry in the approach of the abrasive.

Note: Please use biocides securely. Before use always read marking and product information.

