

Technical Information

hebro[®]add CU

Additive for reduction of copper, brass and other non-ferrous metals in metal processing machines, cooling circuits and other water-bearing circulation systems

hebro[®]add CU

- Avoids the tipping of non-ferrous metals in slightly alkaline solutions.
- Increases the durability of machine tools.
- Avoids the formation of copper soap.

Application:

Use in cooling lubricant emulsions:

hebro[®]add CU is prepared in a concentration of 0.2 litre to 100 litre of the fresh prepared emulsion. The re-dosage is corresponding to the cooling lubricant dosage. The product should not be added to emulsions which already contain a high proportion of copper (green colouring), because a spontaneous separation of copper soap can occur.

Use in cooling circuits:

hebro[®]add CU is added in concentration of 200 ml per m³ circulation water parallel to the hebro[®]protect 85-105 – dosage. In addition to the iron-corrosion protection of hebro[®]protect 85-105 an additional copper inhibition is reached. The combination of the products is especially suitable in cooling circuits, in which the conductance of the circulation water is limited. The products should be added successively to the circuit.

Use in cleaning liquors:

hebro[®]add CU is added in a concentration of 0.2 litre per 100 litre cleaning liquor. The re-dosage is corresponding to the cleaner dosage.

