

Technical Information

■ hebro[®]protect WS

Product

hebro[®]protect WS is a water-emulsifiable corrosion protection oil which can also be used as emulsion cleaner for production parts made of ferrous metals.

Characteristics

hebro[®]protect WS is a water-emulsifiable corrosion protection product with low viscosity which is free from solvents. The product is based on mineral oil and is additionally preserved against microorganisms.

hebro[®]protect WS can also be used as emulsion cleaner for production parts made of ferrous metals in single-chamber spray washing machines. The thin oil film that forms during this process protects the parts during interim storage. It is also easy to remove, e.g. with **hebro[®]sol**-types (such as **hebro[®]sol 75**, **hebro[®]sol 30**).

hebro[®]protect WS is preferably used as an aqueous emulsion in immersion or spraying processes. The emulsion is stable against temperature and water hardness (up to approx. 25°dH) as well as low foaming in soft water. The corrosion protection oil can also be used undiluted. After evaporation of the water, a thin, non-adhesive and non-resinous oil film with good corrosion protection properties is formed.

Advantages

hebro[®]protect WS is used in small quantities and is therefore highly economic efficient.

hebro[®]protect WS is universally applicable as corrosion protection oil, emulsion cleaner and deep-drawing product and can replace many other products.

hebro[®]protect WS is water dilutable which results in a low VOC load. This increases the environmental protection and occupational safety.



→ 2

Technical Information

2

Application area

hebro[®]protect WS is wherever a temporary corrosion protection during indoor storage is required, e.g. for phosphated, burnished or bare parts made of ferrous metals. **hebro**[®]protect WS can also be used for short-term outdoor storage. It is also proven for deep drawing of ferrous metals.



Dosage

hebro[®]protect WS is preferably used as an aqueous emulsion in immersion or spraying processes at room temperature up to 85 °C.

hebro[®]protect WS can also be applied undiluted.

Depending on the storage conditions, the corrosion protection effect can vary.



Technical data

appearance:	brown	water solubility: emulsifiable
odor:	amine-like	density at 20°C: 0.87-0.91g/cm ³

Disposal

Empty containers may simply be disposed of by our Interseroh System.

