

deconex® HT 1407

Alkaline detergent concentrate for metals

For use in soaking baths and ultrasonic cleaning systems



Application

deconex® HT 1407 is a liquid, alkaline yet highly effective detergent concentrate for the removal of machining oils, oil emulsions as well as polishing paste residues on various metals.

deconex® HT 1407 is suitable for both precleaning and final cleaning.

Properties

deconex® HT 1407 considerably reduces the surface tension of the detergent solution and, due to its good wetting capability, effectively removes a wide variety of oils, fats and polishing paste residues.

Furthermore, the product removes oxide films, particularly from non-ferrous metals, and has a brightening effect on surfaces. Stainless steel and aluminium are suitable as a substrate for cleaning.

Ingredients

Alkali dispensers, complexing agents, corrosion inhibitor, surfactant compounds

Application

In practice, the following application conditions have given good results:

Cleaning	Dosage	Temperature	Contact time
Ultrasonic cleaning system	3-5 %	50-70 °C	3-10 min

Note

Can be used in tap water.
For professional use only.

Not suitable for:
zinc and tin

Material compatibility

Suitable for:
Non-ferrous metals, stainless steel, steel, precious metals, titanium, nickel and aluminium

For materials not mentioned, please carry out your own specific compatibility tests or consult Borer Chemie AG.

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Chemical/physical data

pH	1 % solution in DI water	approx. 11.3
Density	concentrate	1.10 g/mL
Appearance	concentrate	clear, light brown liquid

Supply

Please ask your local representative about current container sizes.

Containers, seals and labels are made of recyclable polyethylene.

Additional information

For information concerning industrial safety, storage and waste disposal/sewage, please consult the corresponding safety data sheet.

Benefit from our know-how! Please contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

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