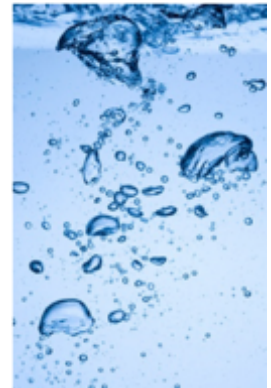


## Technical Information

### hebro<sup>®</sup>lan 79-124

#### Product

hebro<sup>®</sup>lan 79-124 is an environmentally friendly cleaner and degreaser for application in cleaning machines and high pressure devices.



#### Characteristics

hebro<sup>®</sup>lan 79-124 is a modern, water-soluble, liquid cleaner for steel and aluminum surfaces with very good soil suspending properties.

hebro<sup>®</sup>lan 79-124 is applied for cleaning and degreasing of drawing oils, drawing greases, gummy oil and greases as well as cooling lubricants residues.

hebro<sup>®</sup>lan 79-124 is often used in connection with the cleaning enhancer hebro<sup>®</sup>add RV 715 to improve the draining behavior and the cleaning performance.

Rinsing with water, in special cases with demineralized water, can improve the paint adhesion.



#### Advantages

hebro<sup>®</sup>lan 79-124 provides a fast and easy cleaning process which lowers production costs. Therefore, it is very economic efficient.

hebro<sup>®</sup>lan 79-124 is free from hard complexing agents such as NTA which simplifies the waste water treatment.

hebro<sup>®</sup>lan 79-124 complies with the Austrian Standard B5105 and is therefore suitable for usage in washing areas with oil separators. Its optimum demulsifying behavior prevents the excess of limit values for hydrocarbons. Thus, the product is very environmentally friendly.



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## Technical Information

### Bath control

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Fill tank with water and heat up to working temperature, then add **hebro**<sup>®</sup>Ian SRA 79-124 under circulation.

#### hebro<sup>®</sup>Ian 79-124

Concentration:	<b>spraying</b> 1-3%
Bath temperature:	40-85°C
Treatment time:	1-5 minutes
Spray pressure:	0.8-2 bar



### Bath monitoring

Fill 10 ml bath liquid in an Erlenmeyer-flask and fill up to 50 ml using demineralized water. Then add 2-3 drops of indicator solution (methyl orange). Add 0.1 N hydrochloric acid (HCl) using titration and testing instruments (NP3203) until color changes from yellow to orange. Multiply the consumed amount of HCl in ml with the titration factor 0.9 in order to obtain product concentration in Vol%.



### Technical data

Appearance:	yellow	pH-value (1%):	about 8.9
Odor:	typical	Density at 20°C:	1.15 g/cm <sup>3</sup>

#### System material:

Common construction steels according to DIN EN 10025;  
Chrome-nickel steel, material no. 1.4301

### Disposal

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



Ingredients according to EG Regulation No. 648/2004:  
phosphates (5-15%), nonionic surfactants (<5%),  
polycarboxylates (<5%)

