



Art.no. 29170-04

Blasoclean AF

Description

Blasoclean AF is an alkaline additive for water miscible cutting fluids. The product is free of formaldehyde. It can be used as stabiliser of the coolant as well as system cleaner for machines.

Properties

Blasoclean AF is an additive with the following properties:

- good emulsifying behaviour to stabilise coolants
- excellent rinsing behaviour to remove residues
- pH booster to raise the pH in coolants and to reduce unpleasant smell

Note:

- With the addition of the Blasoclean AF, the cutting fluid will be more rinsing and the pH value will raise, but the cutting performance will not decrease and the foam will not increase!
- The refractometer factor is 1.8. Therefore adding 1% indicates only plus 0.55 on the refractometer.

When to use it

System cleaner

Blasoclean AF is an efficient system cleaner to be added to the used emulsion before emptying, which supports the machine cleaning and allows good starting conditions for the new filling.

Stabiliser

Can stabilise water miscible cutting fluids that are

- unstable, even with splitting and/or
- coarse dispersed coolants and/or
- coolants with too low pH value and/or
- coolants with unpleasant smell and/or
- coolants with ferro-corrosion

System cleaning:

- For flushing from sediments at lines and tanks
- System cleaner before change the emulsion

Notes:

- The addition from Blasoclean AF are raising the concentration therefore the application rate is reduced.
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How to use it

System cleaner (cleaning the machine)

Dosage: 1 - 2 %, i.e. 10 to 20 liters per 1'000 liters of emulsion.

Cleaning procedure:

- Add Blasoclean AF into the emulsion during the normal production.
- Continue to produce for at least 48 hours, even better for 7 days
- Cleaning time of 24 hours is also possible but removing residues normally needs more time

Note:

- If the pH is more than 9.2 then there is a risk of aluminium corrosion
 - Blasoclean AF washes off residues from surfaces and there is a risk for filter clogging. Frequent inspection of the filters after addition if Blasoclean AF is recommended.
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- Clean the machine mechanically by the use of cloth, brush and with a high-pressure cleaner
 - Drain the mixture used cutting fluid with Blasoclean AF
 - Rinse the machine by filling with 1-2% fresh emulsion and let circulate at least ½ hour.
 - Drain again the cutting fluid
 - Fill the machine with the new emulsion.

Stabilising of the cutting fluid

Dosage: Option 1: 0.5 – 1.5% i.e. 5 – 15 liters per 1000 liters emulsion

Option 2: Dose until pH value is 9.0 or higher. Keep pH at 9 for 4 weeks.

Add Blasoclean AF as soon as pH drops below 8.8.

Stabilising procedure:

- Add the Blasoclean AF into a turbulent zone of the emulsion.

Note:

- In case of aluminium machining, add only 0.5% (5L per 1000L) per day and measure the pH. The procedure can be repeated until the pH has reached 9.0.
- The addition can be repeated periodically (every 2-3 weeks) or continuously (by adding small quantities)

Handling / Storage

When handling Blasoclean AF, gloves and safety glasses must be worn.

Storage: Store in closed original container at temperature from 0° C - +40°C (32°F - +104°F)

Transport: no dangerous goods

Safety and environmental aspects

LVA / EU Disposal code: 12 01 07. Detailed data can be taken out of the SDS.

Information contained in this data sheet is based upon the properties and applications of use known to us. However, generally no legal liability may be deducted from such information.
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