



Art.-No. 29185-01

Blasorun 5

Description

Blasorun 5 is a bactericide-free, alkaline additive for water miscible cutting fluids. It may be used to stabilize the cutting fluids as well as to support the cleaning process prior to refilling a machine/system with new coolant.

Product Properties

Blasorun 5 is an additive with the following properties:

- Good emulsifying behaviour for stabilizing cutting fluids
- excellent rinsing characteristics for removing residues
- pH booster for raising the pH value in cutting fluids and for reducing unpleasant odours
- positive effect on foam generation

Remarks:

- When adding Blasorun 5, the cutting fluid becomes more washing active and the pH value is increased. However, the cutting performance will not decrease.
- The refractometer factor is 1.8. Therefore, adding 1% will only indicate an additional 0.56 on the refractometer.

When to Apply

Stabilizer

May stabilize water miscible cutting fluids that exhibit the following problems:

- Instability (even in case of separation) and/or
- coarsely dispersed emulsion and/or
- cutting fluids whose pH value is too low and/or
- cutting fluids with an unpleasant odour end/or
- cutting fluids with ferro-corrosion and/or
- cutting fluids with increased foaming tendency and/or
- For flushing out residues in pipes and tanks.

System Cleaner

Blasorun 5 is an efficient system cleaner that is added to the cutting fluid prior to discharging in order to clean the machine and to create appropriate conditions for refilling.

How to Apply

Stabilization of the Cutting Fluids

- **Dosage:** 1.0 - 2.5 % based on the total volume, i.e. 10 - 25 litres per 1,000 litres of cutting fluid.
- **Refractometer factor: 1.8!**

Stabilization Procedure:

- Blasorun 5 is to be added to the cutting fluid at a turbulent zone.

Remark:

- The addition of Blasorun 5 increases the concentration of the cutting fluid, thus reducing the consumption of concentrate.
- A more frequent or even regular addition is only recommended after consultation with the customer service.

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) 20 litres per 1,000 litres of cutting fluid.

g normal production.
least 72 hours, but in the best case scenario for

recovery.

- Clean the machine mechanically by means of a rag, brush and high-pressure cleaner.
- Afterwards, the mixture of cutting fluid and Blasorun 5 is siphoned off and disposed of.
- Rinse with a 1 - 2% cutting fluid preparation. Allow at least half an hour for circulation.
- Then siphon off the fresh preparation completely.
- Finally, refill the system with the new preparation according to the instructions.

Remark:

The addition of Blasorun 5 increases the concentration of the cutting fluid, thus reducing the consumption of concentrate.

CAUTION:

- Blasorun 5 removes residue from the surface, which may lead to a clogging of the filter.
- Any application period less than the recommended 72h increases the risk of cross contamination after a refilling and may possibly include associated performance losses of the cutting fluid.

Handling / Storage

When handling Blasorun 5, gloves and protective glasses must be worn.

Storage: Only in original containers at 0°C to +40°C (32°F to +104°F).

Transport: Not a hazardous material

**Safety and
Environmental
Aspects**

LVA/EU disposal code: 16 03 05. Detailed information may be found in the EU Safety Data Sheet.

The information provided in this flyer is based on the known characteristics and implementation possibilities. However no legal obligation can be derived from this data.
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