

STABILIS 9920 AL

BORON FREE EMULSION FOR ALUMINIUM MACHINING

DESCRIPTION

STABILIS 9920 AL is a water soluble concentrate particularly suited to all machining processes on aluminum and its alloys.

Thanks to its specific additives, **STABILIS 9920 AL** is particularly effective for all machining operations on ferrous and non-ferrous alloys on both soft and hard water.

APPLICATIONS

STABILIS 9920 AL can be used for machining of most aluminium and copper alloys.

However, we recommend checking the tendency of the alloy to stain before use.

ADVANTAGES

- Low foaming product.
- Very good cooling and detergency properties.
- Good lubrication properties.
- Excellent stability in use.
- Excellent bio stability.
- Operator friendly.
- Cleanliness of working environment.

TECHNICAL INFORMATION

NAME	UNITS	METHOD	STABILIS 9920 AL
Color	-	Visual	Orange
Aspect	-		Clear
Refractometer Factor	-		1.0
Water Hardness range recommended	ppm		100-600
Break Point Corrosion	%	IP 287	2.5
pH	-	NFT 60.193	9.4 at 5%

These characteristics are given only for information and can be updated over time.

HEALTH & SAFETY

- Formaldehydes and formaldehydes releasers free
- Boric acid, nitrites and DEA free, without chlorinated additives
- Glycol ether free, bactericide free, sulfur additive free, phosphor additive free

- Operator friendly: good dermatological behavior and easy to use

RECOMMENDED CONCENTRATIONS OF USE

- General machining of aluminium: 6-8%
- Tapping / Threading: 8-12%
- Reaming / Sawing 8-15%
- General machining of steel: 5-7%
- General machining of copper alloys: 4-6%

The refractometer reading must be multiplied by the refractometer factor to arrive at the real concentration.

INSTRUCTIONS

Before first fill, thoroughly clean the installation with an antiseptic such as **Contram CB3**. Drain and rinse the system with water.

If no volumetric mixing system is available, slowly pour **STABILIS 9920 AL** into water while stirring continuously to achieve a correct preparation of the emulsion.

To ensure the best quality of emulsion and maximize the fluid efficiency, consult the **Good Practices Handbook - Metalworking Soluble Fluids**.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.