

STARGRIND 85 NT

BORON FREE SYNTHETIC GRINDING FLUID

410088/02.24

Rev. 2

DESCRIPTION & APPLICATIONS

STARGRIND 85 NT is a clear synthetic fluid developed according to the latest safety levels for the operator, ie: free from boron, formaldehyde, nitrite or phenols.

The formulation of STARGRIND 85 NT is designed for grinding and light machining (4-5%) and is mainly characterized by its high detergency. There is no sticky residue during and after use.

STARGRIND 85 NT matches for general grinding of steel.

ADVANTAGES

- * .
- Excellent cooling capacity
- Very good anti-corrosion properties
- Excellent lubricating and anti-wear properties
- No sticky residue on finished pieces
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ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used soluble oils disposal. When needed, Safety Data Sheet can be obtained upon request.

STARGRIND 85 NT

USE

Storage life:

Maximum 12 months from the date of fabrication.
Protect against frost and not warmer than 40°C.

Concentration:

General metal working applications: 4 %
Grinding: 3 %

Preparation of the emulsion:

Always pour the concentrate into the water and mix gently (NEVER reverse the mixture). We can propose automatic mixers to produce a consistent emulsion.

Emulsion management:

Remove the free oil, metal chips or other contaminants from the surface of the emulsion bath. Measure the concentration periodically with a refractometer. Make sure the concentration does never drop under 2 % in order to maintain a proper protection against corrosion and bacteria.

Remark:

We advise to clean polluted baths with GROGANOL SR2. GROGANOL SR2 can be used depending on the contamination of the reservoir between 1% and 4% aqueous solution. (= 1 to 4 liter GROGANOL SR2 to be added per 100 liters of emulsion of the bath).
Best cleaning result is obtained after 3 to 5 days.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Density at 20°C	kg/m ³	NFT 60101	1050
Aspect of the concentrate			Green
pH at 4 % in water	-	NF T 90-008	9,2
Correction factor refractometer	coefficient	-	2,2

The average values are given for information only.