

A (synthetic) soluble boron-free fluid

DESCRIPTION & APPLICATIONS

Standard concentration for use: 3-5% for grinding

A synthetic fluid specifically developed for ferrous metal grinding applications. It forms a clear solution in soft or hard water.

It allies excellent anti-corrosion performances with excellent biostability.

Applications: surfacing, flat, cylindrical or centreless grinding.

ADVANTAGES

- Low foaming regardless of water quality
- Very good salting-out of foreign oils and rapid settling of fine particles
- No boron, chlorine, phenol or nitrite
- Anti-corrosion properties maintained in hard waters

Complies with the French ruling of 13 July 2006 on work which results in exposure to formaldehyde.

Free from formaldehyde.

Excellent anti-corrosion protection when used at the recommended concentration.

Very good bio-resistance and detergence, helping keep the environment clean.

FLUID MAINTENANCE

A badly prepared bath can impair the stability of the product and generally shortens the service life of the cutting fluid. All equipment which comes into contact with the fluid must be cleaned and disinfected before a bath change.

A complete range of cleaning products, disinfectants and maintenance additives is available from your IGOL contact.

HEALTH, SAFETY, ENVIRONMENT

Like all aqueous machining products, USINOV 1340 BF must be stored in a dry place at between 4 and 35°C.

USINOV 1340 BF poses no risk to the user when used in accordance with the recommendations stated in the safety data sheet, which is at your disposal.

In order to respect the environment, a specialist organisation must be contracted to dispose of the used bath.

All used packaging must also be disposed of by a recycling organisation authorised to perform this operation.

Characteristics	Standards	Units	Values
Appearance / Colour	-	-	Clear / yellow
Density at 15°C	NFT 60-101	kg/m ³	1120
pH at 5% in water	-	-	9.3
Refractometer reading	coefficient	%/°Brix	1.5

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

Document ref.: XII-IGOL009-1604
Published: 26-04-2016