

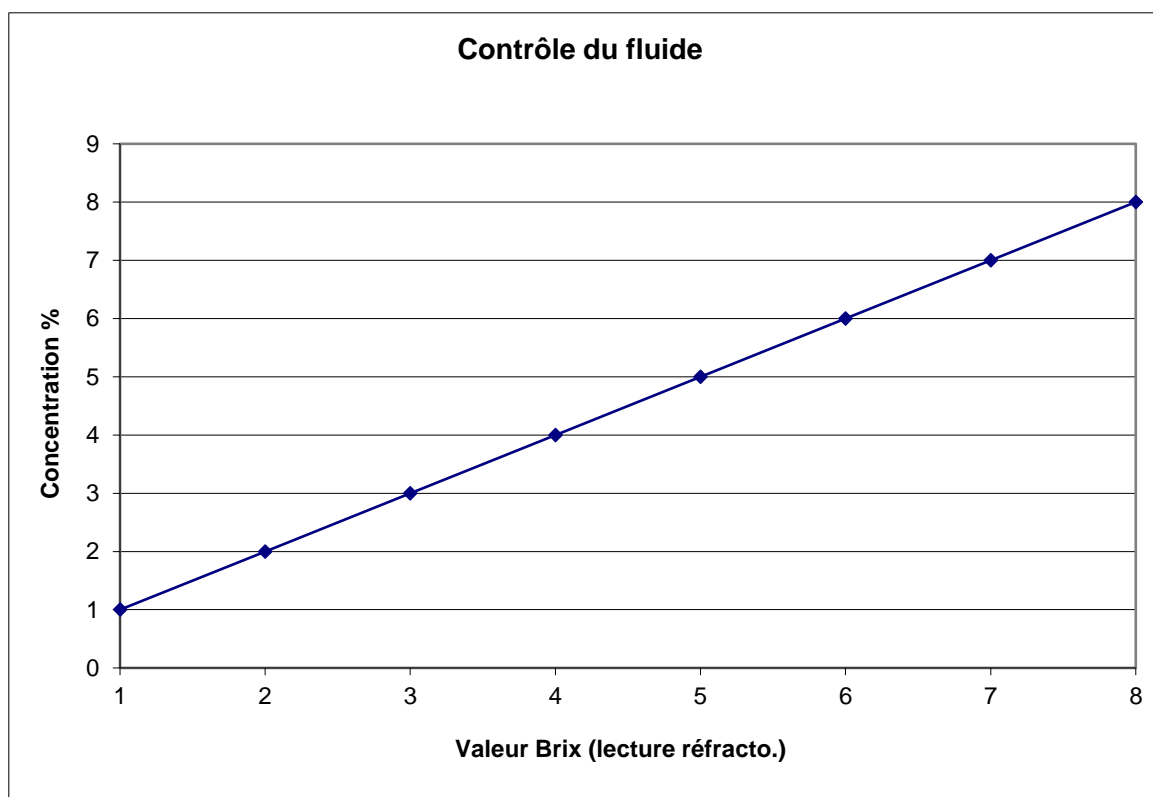
A boron and amine-free soluble fluid for metalworking.

DESCRIPTION & APPLICATIONS

Standard concentration for use: 7-10% depending on the type of operation
Recommended water hardness: 150-350 ppm (15-35° TH)

A soluble fluid specially formulated for machining aeronautical aluminium. Based on very high-performance synthetic polar lubricants and anti-corrosion products. It can also be used for machining and grinding most metals encountered in industrial mechanics.

Recommended for all machining operations on cast irons, steels and aluminium.



ADVANTAGES

- No boron
- No amines
- For aeronautical aluminium

Technical data sheet

- Free from formaldehyde.
- Free from chlorine, boron and secondary amines.
- Guarantees a good surface finish, especially on aluminium and its alloys.
- Long-lasting tool performances.
- Excellent wettability and lubricity, for optimised cutting performances.
- Good anti-corrosion properties on all metals.
- Good detergent power, which ensures cleanliness of parts and machinery.
- Satisfies document 455-201-0-00 index B (SNECMA) for titanium- and aluminium-based alloys (do not use on nickel-based alloys in aeronautics applications).

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, USISPACE 5000 must be stored in a dry place at between 4 and 35°C.
 USISPACE 5000 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 / Amber
Density at 15°C	NFT 60-101	kg/m ³	994
Viscosity of concentrate at 40°C	NFT 60-100	mm ² /s	43
pH at 5% in water	-	-	8.65
Refractometer reading	coefficient	%/°Brix	1.0

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.

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