

A soluble fluid (micro-emulsion) for metalworking.

DESCRIPTION & APPLICATIONS

Standard concentration for use: 5-10% depending on the type of operation
 Recommended water hardness: 50-450 ppm (5-45° TH)

USINOV 2350 is suitable for any machining work on traditional or CNC machines.
 USINOV 2350 is specially formulated for difficult applications:

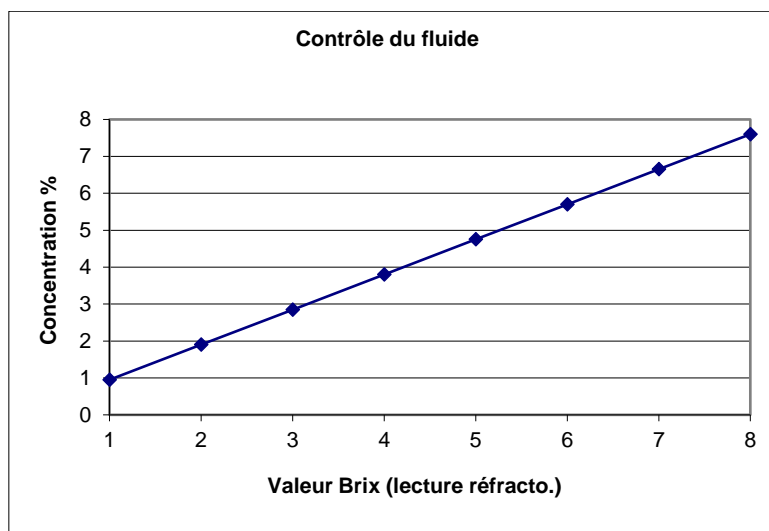
- Deep drilling, bar turning, gear cutting, sawing, tapping, broaching

USINOV 2350 can be used to machine a very wide range of alloys:

- Coated stainless steel: 316 TI, 320 TI and food grade stainless steel
- Aluminium, smelting aluminium and alloys: 2030 – 2017 – 6000 – 6060
- Titanium
- Cast iron, silica cast iron
- Bronze, brass

And features outstanding stability over time despite high pollution, even when machining aluminium.

An emulsifiable, general-purpose lubricant-refrigerant for ferrous and non-ferrous metalworking.



Technical data sheet

ADVANTAGES

- Lubricating properties.
- Versatile.

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

Free from formaldehyde.

Chlorine free.

Excellent lubricating properties.

Anti-wear and extreme pressure properties.

Good bio-resistance, extending oil change intervals.

No gumming of machine components.

No mottling on sensitive metals: the absence of chlorine and active sulfur in its formulation enables use on titanium and its alloys.

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 2350 must be stored in a dry place at between 4 and 35°C.

USINOV 2350 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	-	-	Brown
Density at 15°C	NFT 60-101	kg/m ³	930
pH at 5% in water	-	-	9.2
Refractometer reading	coefficient	%/°Brix	0.95

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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