

**A soluble concentrate for metalworking and grinding.**

**DESCRIPTION & APPLICATIONS**

USINOV 1250 is non-gumming and tailored to all types of water. USINOV 1250 does not contain any formaldehyde releasing components.

Uses:

Grinding and surfacing by wheel.  
Machining jobs with a high cutting speed.

Concentrate storage:

The maximum guaranteed storage life is 6 months from the production date. Must be kept in a frost-free place, and at no more than 40°C.

Concentration:

For regular machining: from 4 %  
For grinding: 3-4%

Preparing the emulsion / solution:

The emulsions/solutions are prepared by adding the concentrate to water while agitating (never the other way round). To facilitate the task, we can provide automatic mixers.

Emulsion / solution maintenance:

Regularly skim off the greasing oils left floating on the bath surface, and remove filings, swarf and other pollution factors from the bath.  
Also regularly check the concentration by means of a refractometer, and make sure that it does not drop below 2 %, to ensure sufficient protection against corrosion and bacteria formation.

Note:

When employing the product in circuits clogged by deposits or polluted by bacteria, we recommend disinfecting these circuits by adding 2% USICLEAN D four or five days before draining the bath.

**ADVANTAGES**

- Outstanding cooling power
- Excellent anti-corrosion properties
- Highly versatile
- Very good anti-foaming properties

Technical data sheet

<b>HEALTH, SAFETY, ENVIRONMENT</b>
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The directives for handling, storage and first aid in case of accident are summarised on the safety sheet, available on request.  
 Disposal must be in compliance with current legislation on disposal of used cutting fluids. We are on hand to provide any assistance.

Characteristics	Standards	Units	Values
Density at 20°C	NFT 60101	kg/m <sup>3</sup>	1050
Appearance in concentrated state			Clear green
Appearance in 4 % solution			Transparent
pH in 4% emulsion			9.2
Refractometer reading	-	coefficient	2.2

*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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