



PROBEOL EMULSCIE V

An emulsifiable biodegradable fluid, for lubricating and wood sawing.

PERFORMANCE DATA

A versatile fluid tailored to machining and cutting operations, as well as anti-corrosion protection.

Enables lost-oil lubrication of chains and conveyors, as well as improving sawing quality.

PROBEOL EMULSCIE V has a **high anti-corrosion power**, and is readily emulsifiable. It increases the service life of components and tools.

ADVANTAGES

A biodegradable, non-toxic fluid: In lost-oil lubrication, the risk of soil contamination is very high using mineral lubricants or diesel fuel. Using PROBEOL EMULSCIE V minimises these risks, thanks to its biodegradability due to the presence of natural and renewable materials.

The polarity of the constituents (triglycerides) gives the emulsion high adhesion to steel (extending tool service life, and reducing production costs). It improves **lubricating power** and **reduces friction**.

In addition, this polarity gives the emulsion a **powerful dissolving action on the resin** which regularly sticks to the blade. So this remains sharp for longer, which means less frequent renewal. Thanks to the high emulsion water content, PROBEOL EMULSCIE V possesses **excellent cooling power**.

The specific formulation of PROBEOL EMULSCIE V gives it very good anti-corrosion properties (in sawing, it prevents blade oxidation and avoids soiling the wood and sawdust, which remains sound and fit for resale). Does not emit any unpleasant odours, or impregnate clothing (user comfort).

A non-flammable emulsion (avoids a fire risk). In addition, PROBEOL EMULSCIE V prevents grease softening phenomena observed with diesel fuel.

USES

- 5 to 10% for lubricating chains and conveyors.
 - 4 to 6 % for wood sawing (depending on wood species worked).
- Applied by spraying, felt or drip feed.





PROBEOL EMULSIE V

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	kg/m ³	937
pH in emulsion at 5%	-	-	7
Kinematic viscosity (40°C)	NFT 60-100	mm ² /s	53.4
Refractometer reading	Coefficient	-	1
Primary biodegradability	NFT 60-198	%	>90

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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