

An emulsifiable fluid for lubrication and dissolving sugar.

PERFORMANCES

Reduces friction.

A versatile fluid tailored to machining, greasing and anti-corrosion protection operations, especially in agri-business.

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

Anti-corrosion power:

EMULSCIE AL has a high anti-corrosion power, and is easily emulsifiable. It increases the service life of components and tools.

Dissolving action on sugar and sugar deposits in agri-business.

ADVANTAGES

Biodegradable*, non-toxic fluid.

Compared to diesel fuel or mineral fluids:

In lost-oil lubrication, the risk of soil contamination is very high using mineral lubricants. Using EMULSCIE AL minimises these risks.

Lubricating and refrigerating power.

Better lubricating power provided by the polarity of the natural and renewable materials. These triglycerides cover the lubricated components and feature high adhesion to steel (extending tool service life, and reducing production costs)

High resin dissolving power.

Better emulsion cooling power

Powerful dissolving action on the resin which regularly sticks to the blade. So this remains sharp for longer, which means less frequent renewal

A non-flammable emulsion (avoids a fire risk).

High anti-corrosion power (in sawmills, prevents blade oxidation and avoids soiling the wood and sawdust, which remains sound and fit for resale)

Fluid does not emit any unpleasant odours, or impregnate clothing (user comfort)

Emulsion incompatible with roller bearing greases, which prevents the grease softening phenomena observed with diesel fuel.

Authorised for incidental food contact (NSF H1)

NSF category H1 international registration number: 135287

USES

- 5 to 30 % for lubrication and general greasing.
 - 5 to 15% for dissolving sugar
 - 5 to 8 % for wood sawing (depending on wood species worked).
- Applied by spraying, felt or drip feed.

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	kg/m ³	945
pH in emulsion at 5%	-	-	7.2
Kinematic viscosity (40°C)	NFT 60-100	mm ² /s	72.7
Refractometer reading	Coefficient		1.2
*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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