

## DROP CUT BIO

### WATER-EMULSIFIABLE BIODEGRADABLE FLUID

#### DESCRIPTION

**DROP CUT BIO** is a water-soluble biodegradable fluid based on vegetable oils, synthetic esters and surfactants. Specially developed for glass drop cutting, it has high cooling, lubricating, detergent and anti-corrosive properties.

**DROP CUT BIO** has been designed to provide excellent blade lifespan and cutting quality at high dilution rates as high as 1:1500.

**DROP CUT BIO** is particularly suitable for direct dispensing systems where the lubricant is injected into the water phase just before the cutting head.

#### APPLICATION

It is used at an initial ratio of 1:800 although it will depend on the type and shape of the drop. It is recommended to use soft or demineralised water.

#### TECHNICAL CHARACTERISTICS

|                         | Units              | Typical values   | Method      |
|-------------------------|--------------------|------------------|-------------|
| Appearance              | -                  | Amber liquid     | -           |
| Emulsion at 0,5%        | -                  | White opalescent | -           |
| Density at 15 °C        | kg/dm <sup>3</sup> | 0,93             | ASTM D 1298 |
| pH 0,5%                 | -                  | 8,8              | ASTM D 1293 |
| Flash point             | °C                 | > 250            | ASTM D 93   |
| Pour point              | °C                 | -10              | ASTM D 97   |
| Factor of refractometer |                    | 1,25             |             |

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COGELSA is not liable for damages caused by improper use of the product.