



Glassmax E4

Shear spray lubricant

Description

Glassmax E 4 is a new generation biodegradable non toxic shear spray lubricant. The renewable vegetable based ester is providing the best performance when it is diluted in water with a hardness of less than 50 ppm of CaCO₃.

Application

Glassmax E4 is used for spraying on the glass drop cutting scissors. When the emulsion is made add the product to water, never add water to the oil. Stirring is required to create a stable emulsion. pH should be between 7.0 and 8.5. It is recommendable to add a biocide once in a while in order to avoid fungus formation which will cause blockage.

The recommended dilution ratio is 0,1% (1 part Glassmax E-4 to 1000 parts of water). The dosage however depends on the quality of the water and the recycling system.

It is recommended to use deionised water rather than water with a softener, especially when recirculation systems are used. The recommended water temperature has to be between 15 and 40 C to warrant a good emulsion quality.

Benefits

- Biodegradable
- Easy to emulsify even with water having 40 HF
- Stable to heat and stable pH
- Economical: use 0,07-0,2%. Initial recommended level is 0,1%
- Free of mineral oils
- Excellent lubrication of the shear and excellent corrosion protection
- Do not create foam
- Boron and nitride free

Storage

To be kept under cover. If packages are kept at the open air, rainwater or moisture will contaminate the product. Lubricating oils and greases should not be exposed to sunlight or at low temperatures (frost).

Typical performance data

	Test method	E4
Colour		Amber
Density @ 15 °C, kg/dm ³	ISO 12185	0,94
Flash point, COC, °C	ISO 2592	>240
pH @ 0,1%		8,5-9,0
Freezing point, °C	ISO 3016	-10
Kinematic viscosity @ 40 °C, mm ² /s	ISO 3104	65

All performance data on this Technical Data Sheet are indicative only and can vary during production

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