

# The glass machining industry

Quality, performance and safety!



In order to fulfill the demand for high precision, the glass machining industry must continuously improve the quality of its products, while respecting norms of hygiene and safety.

Due to the hardness and brittleness of the material, machining processes and equipments have become more and more sophisticated. Glass grinding and cutting operations are subject to severe constraints:

- high cutting speeds,
- an aggressive environment (heat and humidity, small glass fines),
- a direct contact between the operators and the fluid.

We help you achieve your goals in terms of quality and productivity thanks to VULSOL GLASSCUT, a fluid dedicated to glass machining operations. Specially formulated for your machines, VULSOL GLASSCUT is a premium lubricant that helps to improve the quality of your finished products and give longevity to your tools' life.

## ■ HEALTH AND SAFETY

**VULSOL GLASSCUT guarantees at a glance:**

- Does not contain formaldehyde releasing bactericide
- Does not contain phenol, DEA, PTBB, chlorine, boron
- Conform to German legislation TRGS 611
- Danger class 1 for water (WGK 1)



The right choice in lubricants

**TOTAL**

## VULSOL GLASSCUT

### Applications

- Glass machining processes for both organic and mineral glass.
- Machining of flat glass and mirrors.
- Machining, grinding and polishing of optical glasses and lenses.

### Advantages

- Long term corrosion protection of your tools and machines.
- Excellent cooling properties.
- Natural resistance against bacteria development.
- Excellent stability in service.
- Easy to implement.
- Very good filterability.
- Non foaming product, no specific odor.
- Safe for the operators.

### Advice

- Recommended concentration rates:
  - machining: 4 to 6%.
  - grinding: 3 to 4%.

Use of a good quality water in order to obtain a translucent and stable solution.

### Hygiene and security

- Does not contain formaldehyde releasing bactericide, DEA, PTBB, chlorine, boron.
- Conform to German legislation TRGS 611.
- Danger class 1 for water (WGK 1).

### After Sale Services

- "Soluble Check": analysis of the fluid in-service.
- Training of your staff.
- On-site fluid management.

Material Safety Data Sheet available at [www.quickfds.com](http://www.quickfds.com)

### ALSO DISCOVER...

**CONTRAM CB 3:** our detergent for machine tools.

**EBOTEC BT 80:** our preservative for curative treatment of aqueous fluids.

**DROSERA:** our range dedicated to the lubrication of machine tools.

Ask our catalogue to discover our complete range of industrial lubricants!

### ADVICE

In order to increase your fluid service-life, we propose an analyses-service: "Soluble check". However, if you would like to follow-up and check your fluid yourself, you can use mixing equipment, a tramp oil separator and a refractometer.

### RECOMMENDATION

For an optimal usage of VULSOL GLASSCUT, contact us for personalized recommendations that suit your operating conditions.