CUTFINE GLS

RECOMENDED FOR GLASS CUTTING

CUTFINE GLS, Designed for general use in the glass industry.

It is formulated from fully solvent-refined oils with the incorporation of a highly efficient emulsifier and coupling agents to give a stable white emulsion.
It also contains an effective dual biocide/fungicide for extended service life.

PREVENTS SOLIDIFICATION OF GLASS FINES:
Glass fines settle quickly and form a soft slurry, facilitating easier cleanout of the grinder tanks. This minimizes downtime, increases product output and lowers manufacturing costs.
This characteristic also helps prevent glass fine packing and build-up on machine surfaces, rollers and parts handling equipment.

LOW FOAMING PROPERTIES:
This product is designed to be low foaming in small and undersized machine sumps where fluid agitation is often high. It is well suited for edge grinding equipment that supplies coolant via a vacuum system.

EXCELLENT SETTLING PROPERTIES: Even the smallest glass fines settle rapidly preventing recirculation to the grinding area. SUPERIOR

NATURE OF COOLING: throw away the heat generated during grinding and prevent burning, and very effective as a coolant in the hot liquid glass cutting process.

EXCEPTIONALLY GOOD BACTERIA AND MOLD CONTROL: No offensive odors caused by excessive bacteria -Long fluid life, minimizes concentrate usage and downtime

Emulsions can be mixed either in proprietary mixing devices or by hand.
The oil has excellent mixing characteristics; but if mixing is done by hand, the oil must be added to the water, and not the water to the oil.

This soluble oil is supplied in sterile condition, and when correctly mixed with clean water it forms a contamination-free emulsion.

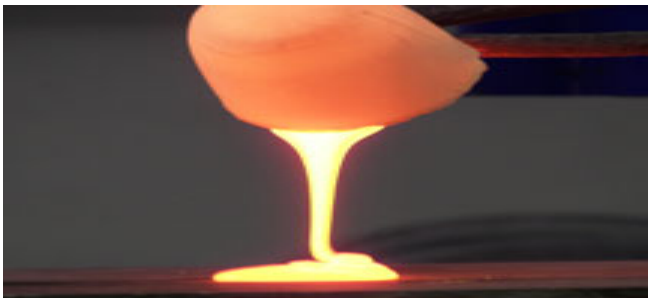
The length of an emulsion's service life depends on the coolant system's cleanliness which in turn is dependent on 'good housekeeping'.

If the best results are to be obtained when coolant is being changed, the existing charge should be treated with a proprietary biocide/detergent.

Easy to mix with water.

Recommended dilutions are 20 : 1 to 30 : 1, according to the severity of the operation.

Edge Grinding, Surface Grinding, Beveling 2% (1:30)
CUTTING 5% (1:20)



CUTFINE GLS

Density @ 15 °C	ASTM D 1298	Kg/L	0.9
Flash Point	ASTM D 93	°C	195
Kin Viscosity @ 40 °C	ASTM D 445	cSt	41.9
Pour Point	ASTM D 97	°C	-12
Alkalinity @ 10:1 Dilution		pH	9.7

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.