FRAGOL CB FLUID FG

FRAGOL CB FLUID FG is a water-soluble lubricant concentrate used for loss lubrication in the paper and cellulose processing industries where lubricant residues may remain on the process material. It was designed specifically for circular knives and cutting appliances in the corrugated board industry.

FRAGOL CB FLUID FG has high cleaning efficiency as well as good cooling capabilities when used on the blades of machines that cut and crease paper, particularly when dealing with fluted paper. This fluid helps to prevent friction, material damage, and build-up on the blades, ensuring smooth cuts and prolonging blade sharpness.

FRAGOL CB FLUID FG meets the requirements of FDA 21 CFR 178.3570 and is H1-registered for processes where incidental food contact can occur. All FRAGOL H1-registered products are manufactured according to ISO 21469:2006 which supports producers' HACCP and GMP programs. FRAGOL H1-lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

APPLICATIONS

FRAGOL CB FLUID FG is applied as a fine emulsion in water with high resistance to microorganisms.

- Neutral odour
- Good tackiness
- High cleaning efficiency
- Minimal residues on process material
- Viable for different grades of water hardness
- pH-neutral
- Silicon free

BENEFITS

- Prevents glue residue on the blade
- Avoids heating of blades when cutting high-density rolls
- Fire resistant (emulsion)
- Ideal for processing soft rolls or cores that cannot be properly clamped
- Less glue contamination of the blade
- Fewer overheated blades compared to high density products
- Improved cutting quality

TYPICAL CHARACTERISTICS

FRAGOL CB FLUID FG	Value	Unit	Method
Appearance concentrate	clear, yellow	-	visual
Appearance emulsion	milky, white	-	visual
Viscosity @ 40 °C	49	mm^2/s	DIN EN ISO 3104
Density @ 15 °C	0.920	kg/l	DIN EN ISO 12185
Flash point (COC)	> 220	°C	DIN ISO 2592
Concentration in water	5	%l	-
Mixing ratio	1:19	-	-
Refraction index/ Refractometer factor @ 20 °C	1.5	-	ISO 6320

INSTRUCTIONS FOR USE

The emulsion is produced by pouring concentrate into water while constantly stirring. It is imperative that concentrate is poured on water and not water on concentrate since only this enables the creation of a stable emulsion.

The finished emulsion must have a concentration between min. 4.9% and max. 5.1%, i.e. 19 parts water and 1 part FRAGOL CB FLUID FG. The concentration should be measured with a refractometer.

FRAGOL AG · Solinger Straße 16 · D-45481 Mülheim, Germany · Tel. +49 (0)208 30002-40 · lubes@fragol.de