

Product Information

Water Soluble Cutting Fluids

FRIGOMET GB 500

is a transparent high performance product free of oil, suitable for all kinds of grinding and standard to medium machining operations. Its excellent flushing and wetting performance provides an efficient removal of chips and swarf.

Benefits:

- Transparent fluid, free of mineral and synthetic oil
- Free from silicon
- Suitable for grinding and light to medium machining applications on steel and grey cast iron; grinding operations on glass
- Excellent flushing and wetting action, high swarf transportation and coolant efficiency
- Long sump life due to high stability formulation
- Low consumption
- Easy maintenance by tramp oil separation
- Good corrosion protection

Data of the Product (Water-Mixed):

Determination	Method	Unit	Value
pH-Value 5.0%	ASTM D 1287	---	9.2
Corrosion test		[w/w] - S0/R0	3.0
Corrosion test	ASTM D 4627-92	[w/w] - K0	3.5

Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m ³]	1078
Kin. viscosity, 104°F	ASTM D 445	[mm ² /s]	8.0

Recommended concentration (depending on application and conditions):

3.5 – 8%

Factors (other factors on request):

Refractometer: 1.7%/°Bx
 Testkit: 5.1%/ml

Shelf Life/ Storage Conditions:

12 months under ambient storage conditions. The product may become discolored during storage. This does not influence the quality of the concentrate or mixed solution.

Industrial Health and Safety - Environmental Protection:

For more details about health and safety please read the information on the safety data sheet.

Disposal:

In compliance with the local waste regulations