

PRODUCT INFORMATION
WATER SOLUBLE CUTTING FLUIDS

FRIGOMET BF 600

is a transparent high performance product free of oil. The product is suitable for standard to medium machining applications (e.g., turning, drilling and milling) with steel and non-ferrous metals. Its excellent flushing and wetting performance provide an efficient removal of chips and swarf. This qualifies the product especially for high performance grinding operations.

BENEFITS

- Transparent fluid, free of mineral and synthetic oil
- Free from boron and formaldehyde
- Particularly recommended for grinding and standard machining applications
- Very well suited for cast iron, steel, Al alloys, and yellow metals
- Very good flushing- and wetting action, resulting in clean parts and machines
- Outstanding tramp oil separation and therefore easy maintenance and long service life
- Good cleaning ability
- Very high stability
- Low consumption due to very good run off characteristics
- Good corrosion protection

DATA OF PRODUCT | WATER-MIXED

DETERMINATION	METHOD	UNIT	VALUE
pH-value 5.0%	DIN 51 369	---	9.4
Corrosion test	DIN 51 360/2	[w/w] - K0	3.5

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m ³]	1058
Kin. viscosity, 40°C	DIN EN 16 896	[mm ² /s]	6
Refractive index, n _D ²⁰	DIN 51 423	---	1.408

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration at room temperature: 4.0 - 8.0%
- Product can be use in a higher concentration. Please contact your coolant partner for more information.
- See also "Technical information: New fill general".

FACTORS (OTHER FACTORS ON REQUEST)

Refractometer 2.0%/°Bx
Testkit 4.7%/ml

SHELF LIFE | OPERATING AND STORAGE CONDITIONS

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

INDUSTRIAL HEALTH, SAFETY AND 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.