

TECHNICAL DATA SHEET

QUAKERCOOL[®] 2712 BFF

METALWORKING SOLUBLE COOLANT SYNTHETIC TYPE BORON FREE

Water dilutable, mineral oil free, synthetic coolant designed for general grinding operations.

Applications

Recommended for general grinding operations on steel and cast-iron.

Operations
Grinding, ...

Materials
Cast-iron, Steel, High alloy steel, Stainless steel, Titanium, ...

Recommendation for use

Concentration range:
2 - 5 % depending on type of operation

Make up water hardness:
50 - 360 ppm (5 - 36 °TH, 2 - 20 °DH)

Poor or incorrect emulsion preparation may lead to instability and could considerably shorten the life of the emulsion. Prior to making any fresh fill, we highly recommend full cleaning including the use of a compatible systems cleaner of all system components which will be in contact with the emulsion. A wide range of system cleaners* and disinfecting additives* are available from Quaker Houghton.

Please consult a Quaker Houghton representative for any additional information.

Benefits

- Boron free
- Formaldehyde free
- Provides good cleanliness on tools/machines and detergency characteristics
- Good bio-resistance
- Very low foaming and excellent deaeration abilities

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

This product has a recommended shelf life of: 6 months

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance / Colour	Clear Yellow	[-]
Viscosity	4	mm ² /s @ 40°C
Density	1043	kg/m ³ @ 15°C
Pour point	<0	°C
Appearance diluted	Transparent	[-]
pH diluted	10,2	[-]
Corrosion threshold	3	% DIN 51360 T2
Alkalinity factor (pH=5)	8,05	ml 0,1N%/ 25 ml
Acid split factor	0	ml/%
Refractometer factor	2,13	%/° Brix

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. [044611]

