

PRODUCT INFORMATION

AquaTec 5001

VERSION: 01/2023

Description

AquaTec 5001 is a mineraloil-free coolant concentrate for grinding applications.

Applications

ID and OD grinding of steels, ceramics and carbide. Processing of aluminium alloys and non-ferrous metals possible.

For other materials please contact our technical department.

PRODUCT FEATURES

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| - Excellent cooling and lubricating properties | - Free from boric acid and mineral oil |
| - Increased grinding wheel lifetime | - Free from organochlorine compounds |
| - For rapid elimination of foam | - Low mist |
| - No cobalt leaching | - High stability and lifetime of the product |
| - Extremely low foaming | - Corresponds to TRGS 611 |

Application concentration

Grinding of carbide and non-ferrous metals	from 4%
Grinding of steel	from 5%
Grinding of ceramics and aluminium	from 5%

Technical facts

	data	testing method
Colour of the concentrate	clear	
pH value of concentrate	9,6	
pH value at 4% concentration	9,3	
Corrosion protection 4%	Grade 0	DIN 51 360 T2

Mixing instructions

Always mix AquaTec 5001 stirring the concentrate into tap water, never the other way around. The concentration can be checked by using a refractometer. Refractometer value = 2,2.

Safety and environmental aspects

For further instructions regarding classification, disposal etc., please see our safety data sheet according to 1907/2006/EG, Article 31.

Remark

All information is based on the present state of our knowledge. However, it does not guarantee characteristics of products and does not justify a contractual legal relationship. We reserve the right to changes in terms of technical developments.