

SWISSGRIND ZOOM AQUA HM

Water-soluble coolant for grinding carbide

Description

SWISSGRIND ZOOM AQUA HM is a water-soluble coolant free from mineral oil, chlorine, nitrite and zinc. Mixed with water it provides a transparent, water-clear solution.

SWISSGRIND ZOOM AQUA HM gives good corrosion protection, is extremely low-frothing, does not leave sticky residues and provides good netting and scavenging actions. It is very mild to the skin thanks to the careful selection and combination of its ingredients.

Advantages

- free of chlorine, nitrite and zinc
- no cobalt wash out
- very stable solution
- gentle to the skin

Area of application

SWISSGRIND ZOOM AQUA HM is mainly used for grinding carbide, tools and profiles. A cobalt wash-out cannot occur.

Recommended concentration for each application:

carbide	4.0 – 5.5%
cast iron	3.0 – 5.0%
steel	3.0 – 4.0%
aluminium	3.0 – 5.0%

Synergy Project

“Using synergies and letting them influence products to the advantage of the user,” is the maxim of the MOTOREX Synergy Project. Products that are influenced by the results of existing synergies between machine and tool manufacturers, users and MOTOREX are labelled as Synergy Projects at MOTOREX.

Typical technical data

Properties	Unit	Test according to	Values
Colour		DIN ISO 2049	light yellow
Density at 20 °C	g/ml	ASTM D 4052	1.083
Viscosity at 40 °C	mm ² /s	DIN 51562-1	< 3
pH value of solution		DIN 51369	8.8
Corrosion test with GG25 chips		DIN 51360-2	0 - 0
Factor for manual refractometer	% Brix		1.9

Water hazard class: WGK1
Disposal code: EWC 120109

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