



# eni aquamet BAG

**eni aquamet BAG** is a water miscible, mineral oil containing, chlorine free cooling lubricant, universally applicable.

## Characteristics (typical figures):

eni aquamet BAG		Unit	Test method
Total oil content	45	%	
Density at 20°C	987	kg/m <sup>3</sup>	DIN 51 757
Viscosity at 20°C	170	mm <sup>2</sup> /s	DIN 51 562
pH value (5%)	9,2		DIN 51369
Corrosion test (5%)	0-0	Corr.-grade	DIN 51360 T.2

## Properties and Performance:

- low foaming cooling lubricant emulsion with selected EP additives
- very good wetting and rinsing efficiency, highly effective corrosion protection
- long service time
- free of formaldehyde releasing agents

## Applications:

**eni aquamet BAG** is a universal cooling lubricant for all moderately severe and severe machining processes of steels and cast iron. Water hardness of more than 20°d should be avoided otherwise an emulsion instability could arise.

Recommended application concentration: 5,0 - 10%

Factors: Refractometer - 1,0

## Indication:

The product meets the requirements of the TRGS 611 Section 4.

Please observe the valid VDI Guidelines 3035 and 3397 (1-3) as well as the Regulations of the TRGS 611 Section 5 for the application. When mixing always give the concentrate into the water, a more homogeneous emulsion is achievable by using an automatic mixing unit. A frost-free storage is necessary to maintain the functionality of the cooling lubricant concentrate.

The product is a water hazardous liquid.

The occupational medical precautions have to be observed according to GefStoffV (Ordinance on Hazardous Substances) §15, §16 and annex V.

The BG (professional society) regulation 143 - operations with cooling lubricants - has to be observed for a safety operation.

For specific technical questions please contact our technical department. Get information in reference to our training seminar about the subject cooling lubricants.