



Eni aquamet AHS - BAF

Eni aquamet AHS BAF is a water miscible, mineral oil containing cooling lubricant, universally applicable.

Characteristics (typical figures):

aquamet AHS - BAF		Unit	Test method
Density (20 °C)	976	kg/m ³	DIN 51 757
Viscosity (20°C)	218	mm ² /s	DIN 51 562
pH (4%)	9,4		DIN 51369
Corrosion test (5%)	0-0	Corr.-grade	DIN 51360 T.2

Properties and Performance:

- good cooling and lubricating properties
- stable emulsion with the preparation of water from 15° dH to 25° dH
- stable against hard water in the application up to approx. 60°dh
- very low foam in the recommended water preparations
- long emulsion service life
- universally applicable in single filled machines as well as central lubricating systems
- free of formaldehyde releasing agents

Applications:

Eni aquamet AHS - BAF is universally applicable up to severe machining processes of steel, aluminium and suitable for the processing of non-ferrous metals.

Recommended application concentration:

General machining: starting with 7%
Heavy machining: starting with 10%

Factors: Refractometer – 0,9

Indications:

The product meets the requirements of TRGS 611 Section 4. For use, please observe the applicable VDI guidelines 3035 and 3397 (1-3) and the specifications of TRGS 611 Section 5. When mixing, always add the concentrate to the prepared water, a more homogeneous emulsion can be achieved by using mixing equipment. In order to maintain the functionality of the cooling lubricant concentrate, frost-free storage is necessary.

The product is a slightly water-polluting liquid.

The DGUV - rule 109-003 - activities with cooling lubricants - is to be applied for safe handling. For more information, contact our application engineering department. Find out more about the seminars on the subject of cooling lubricants.