



eni aquamet GG -FAD

eni aquamet GG - FAD is a water miscible, mineral oil containing high-performance cooling lubricant, free of amines and boron, universally applicable.

Characteristics (typical figures):

aquamet GG		Unit	Test method
Density (20 °C)	930	kg/m ³	DIN 51 757
Viscosity (20°C)	190	mm ² /s	DIN 51 562
pH (5%)	8,8		DIN 51369
Corrosion test (15%)	0-0	Corr.-grade	DIN 51360 T.2

Properties and Performance:

- stable emulsion with the preparation of water from 10°dH to 30°dH
- stable against hard water in the application up to approx. 60°dH
- free of formaldehyde releasing agents

Applications:

eni aquamet GG-FAD is universally suitable for all medium and severe machining processes of steel, non-ferrous metals, aluminium and especially cast in single machines, processing centers and central systems.

Recommended application concentration:

- Normal processing 5,0% +/- 1% if no special rust protection is necessary
- Severe machining operations according to the requirements 7,0% - 10 %

Factors: Refractometer - 1,0

Indications:

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 BGR/GUV-R 143 (professional society) - 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.