



eni aquamet RU PG

eni aquamet RU PG is a water miscible, mineral oil containing, heavy metal free cooling lubricant.

Characteristics (typical figures):

eni aquamet RU PG	Unit		Test method
Colour		light brown	DIN ISO 2049
Density/20°C	kg/m ³	996	DIN 51 757
Viscosity at 20°C	mm ² /s	ca. 90	DIN 51 562
pH value (5%)		9,1	DIN 51 369
Mineral oil content	wt. %	approx. 35%	
Corrosion test (5%)	Corr.-grade	0	DIN 51 360/II

Properties and Performance:

- good cooling and lubrication properties
- high stability
- low foam
- long emulsion service life
- fine particle emulsion

Applications:

eni aquamet RU PG is universal applicable up to heavy machining processes of steel, aluminium and non-ferrous metal.

Recommended application concentration:

General machining starting with 5 %
Grinding starting with 4% depending on the material

Factor: 1,3

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 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.