



eni aquamet OSL

eni aquamet OSL is a water soluble, mineral oil, chlorine and zinc free cooling lubricant for the production of a clear coolant solution for the universal application.

Characteristics (typical figures):

eni aquamet OSL		Unit	Test method
Density at 20°C	1130	kg/m ³	DIN 51 757
Viscosity at 20°C	30	mm ² /s	DIN 51 562
pH value (5%)	9,0		DIN 51369
Corrosion test (4%)	0-0	Corr.-grade	DIN 51360 T.2

Properties and Performance:

- good cooling properties, good observation of the grinding process
- excellent wetting and rinsing properties, effective corrosion protection
- long service times, low foam
- no conglutinating residues

Applications:

eni aquamet OSL is a universal coolant solution for all moderately severe and severe grinding processes of steel and cast.

Recommended application concentration: 4% - 6%

Factors: Refractometer: 1,6

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.