



Eni aquamet TSL

Eni aquamet TSL is a water-soluble, mineral oil, chlorine and zinc-free cooling lubricant for the production of a clear cooling lubricant solution for universal use.

Physical properties (typical values):

Eni aquamet TSL		Unit	Test method
Density (15 °C)	1,085	g/cm ³	DIN EN ISO 12185
Viscosity (20°C)	70	mm ² /s	DIN 51 562
pH value (5%)	9,5		DIN 51369
Corrosion test (4%)	0-0	Korr.-Grad	DIN 51360 T.2

Quality characteristics:

- good cooling properties, good observability of the grinding process
- Very good wetting and rinsing effect, effective corrosion protection
- long service life, low foaming
- no sticky residues
- Free from formaldehyde releasers
- free from boric acid
- good pressure absorption capacity
- good filterability
- excellent air separation capacity

Possible applications:

Eni aquamet TSL is a universal coolant solution for all medium and heavy-duty grinding work on steels and cast iron.

Recommended application concentrations: from 5%

Factors: Refractometer - 1.4

Hinweise:

The product complies with the requirements of TRGS 611 section 4. For application, please observe the applicable VDI guidelines 3035 and 3397 (1-3) as well as the specifications of TRGS 611 section 5. When mixing, always add the concentrate to the preparation water provided; 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.

DGUV - Rule 109-003 - Working with cooling lubricants - must be applied for safe handling. For further information, please contact our application technology department. Find out about the range of seminars on the subject of cooling lubricants.