



eni aquamet LMS 1008

eni aquamet LMS 1008 is a water miscible, mineral oil containing, chlorine free high-performance cooling lubricant, universally applicable.

Characteristics (typical figures):

eni aquamet LMS 1008		Unit	Test method
Mineral oil content	42	%	
Density (15°C)	920	kg/m ³	DIN 51 757
Viscosity (20°C)	130	mm ² /s	DIN 51 562
pH value (5%)	10,0		DIN 51 369
Corrosion test (4%)	0-0	Corr.-grade	DIN 51 360 T.2

Properties and Performance:

- low foaming cooling lubricant emulsion with selected EP additives
- very good affinity and rinsing efficiency, highly effective corrosion protection
- meets the TRGS 611
- long operation times due to permanent buffering, extraordinary pH value stability

Applications:

eni aquamet LMS 1008 is a universal cooling lubricant for all moderately severe and severe machining processes of aluminium, steel and cast iron.

Recommended application concentration:

Normal machining processes	5% +/- 1%
Severe machining operations according to requirements	7,0 - 10%
Grinding	4,0%

Factors: Refractometer - 1,1

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.