



eni Antifoam SH 2

eni Antifoam SH 2 is a silicone oil free defoamer for water mixed cooling lubricants based on polyether siloxane.

Characteristics (typical figures):

eni Antifoam SH 2		Unit	Test method
Appearance	slightly cloudy		
Density at 15°C	1040	kg/m ³	DIN 51 757
Viscosity at 40°C	600	mPas	DIN 51 562
Flash point	> 100	°C	DIN ISO 2592

Properties and Performance:

- silicone oil free defoamer
- does not contain hydrophobic methyl siloxane
- does not form separating films and therefore does not influence the following processes such as cleaning, varnishing or galvanizing
- based on polyether siloxane
- optimum defoaming effect
- a part of the additive is dragged out with the skimmer-oil

Applications:

eni Antifoam SH 2 is used as defoamer for water mixed cooling lubricants. A suspension in water, pre-dilution 1:10, is recommended.

Recommended application concentration: 0,01 - 0,05%
referred to the cooling lubricant circulation volume

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.