



# 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	1000	kg/m <sup>3</sup>	DIN 51 757
Viscosity at 40°C	1000	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.

The required application concentration depends on the respective conditions (e.g. cooling lubricant used, desired effect, etc.). As a rule, the addition of approx. 0.01 % is sufficient. If necessary, however, the quantity added can be increased step by step to 0.1 %.

## Indications:

The product complies with the requirements of TRGS 611 section 4. For the application please 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 the functionality of the product, frost-free storage is necessary.

The product is a liquid hazardous to water.

Occupational health precautions must be taken in accordance with GefStoffV §15, §16 and Appendix V.be taken into account. DGUV regulation 109-003 - Activities involving cooling lubricants (previously:

BGR/GUV-R 143) - is to be applied for safe handling.

For further information, please contact our application engineering department. Inform yourself about the range of seminars on the subject of cooling lubricants.