



Eni Antifoam SH 3

Eni Antifoam SH 3 is a silicone oil-free defoamer for water-mixed cooling lubricants base on organically modified siloxane.

Physical properties (typical values):

Eni Antifoam SH 3		Unit	Test method
Apperance	white to light yellow		
Density (15°C)	1050	kg/m ³	DIN 51 757
Viscosity (23°C)	2990	mPa*s	DIN EN ISO 12185
Flame point	100	°C	DIN ISO 2592

Quality features:

- silicone oil-free defoamer
- very good compatibility with aqueous systems
- does not form any separating films and therefore does not interfere with the subsequent processes, such as cleaning, painting or galvanizing
- organically modified siloxane
- very good defoaming effect

Possible uses:

Eni Antifiam SH 3 is used as a defoamer for water-mixed cooling lubricants.

The product can be used both concentrated and in pre-diluted form. Dilution is advantageous if rapid distribution is to be achieved with only moderate stirring. If „Eni Antifom SH 3“ is added in concentrated form, ensure that it is added slowly.

The required concentration depends on the respective conditions (eg. colling lubricant used, desired effect, etc.). As a rule, adding approx. 0,005% is sufficient. However, if necessary, the amount added can be increased step by step to 0,025%.

Reference:

The product complies with the requirements of TRGS 611 Section 4. For application, lease observe the applicable VDI guidelines 3035 and 3397 (1-3) as well as the provisions of TRGS 611 Section 5. When mixing, always add the concentrate to the water provided; a more homogeneous emulsion can be achieved by using mixing devices. In order to maintain the functionality of the product, frost-free storage is necessary.

The product is a water-polluting liquid.

Occupational health precautions must be considered in accordance with GefStoffV §15, §16 and Annex V. DGUV rule 109-003 – Activities with cooling lubricants (previously: BGR/GUV-R 143) – must be applied for safe handling.

Further information can be obtained from our application technology department. Find out about the seminar offering on the topic of cooling lubricants.