



# Universal Kühlerschutz BS - Extra

Radiator protection concentrate Colour: red

## Description:

**Universal Kühlerschutz BS - Extra** is a full concentrate radiator protection based on Monoethylene glycol for operation in summer and winter, with frost and rust protection effect (all-year operation).

**Universal Kühlerschutz BS - Extra**, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

**Universal Kühlerschutz BS - Extra** is free of nitrites, amines, phosphates and silicate.

## Characteristics:

- Protection against corrosion for all parts of the cooling system made of the materials steel, gray iron, aluminium, copper, brass, soft solder.
- Avoidance of cavitation damages, such as on the collant pump
- Compatibility with varnishes
- Compatibility with hose and sealing materials
- Avoidance of sediments, which can cause radiator plugging
- Avoidance of foaming

## Usage:

**Universal Kühlerschutz BS - Extra** is because of its specially used additives excellently suitable for aluminium, light alloy and gray iron motors (please observe manufacturer's service instructions).

Recommended working concentration 50 % **Universal Kühlerschutz BS - Extra** and 50% water, by which a radiator protection up to about -38 °C can be achieved. Antifreeze protection down to -69°C is possible with a maximum of 68% **Universal Kühlerschutz BS - Extra** and 32% water.

Depending on the type and the manufacturer's instructions the contents of the cooling system shall be replaced every 2 to 3 years.

## Usable for:

We recommend this product for:	
AFNOR	NF-R 15-601 Type 1
AS	2108
ASTM	D 3306 Type 1
BS	6580
CUNA	NC 956-16
JIS	K 2234
ÖNORM	V 5123
SAE	J 1034
UNE	26-361

## Miscibility:

- **Universal Kühlerschutz BS - Extra** can be mixed with the most of the coolants based on ethylene glycol. To achieve an optimal corrosion protection and to avoid sludge formation it is recommended to use pure **Universal Kühlerschutz BS - Extra**. For the preparation of mixtures softened water should be preferred.

Data are subject to change.

Attention: Service instructions should be observed!

STL/WINTER/-  
09/2016

## Universal Kühlerschutz BS - Extra

Article No.	Packaging unit	
STL 3100 192	Can	1 L
STL 3100 193	Can	1500 ml
STL 3100 194	Can	5 L
STL 3100 195	Can	20 L
STL 3100 196	Drum	60 L
STL 3100 198	Drum	200 L
STL 3100 199	PE-Container	1000 L

## Typical characteristics:

Specific weight at 20°C	kg/m <sup>3</sup>	1.110 - 1.140
Flash point COC	°C	>120
Boiling point	°C	165
ph-value	(33 Vol.%)	7,5-8,5
Water content	%	<5
Foam behaviour		corresponds
Pour point antifreeze/water = 1:1	°C	-38
Colour		red

