



eni Antifreeze Extra

eni Antifreeze Extra is a nitrite, amine, phosphate free liquid for mixing with demineralized water, suitable for use in almost all types of motor-vehicle cooling circuits.

CHARACTERISTICS (Typical figures)

eni Antifreeze Extra

Boiling point	°C	170
Freezing point dil. 50% water	see table	
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Color	-	turquoise
Mass density at 15°C	kg/l	1,130

PROPERTIES AND PERFORMANCE

- eni Antifreeze Extra lowers the freezing point of the coolant according to the concentration adopted.
- It can be left in the system throughout the year
- It has no acidic properties and so does not attack metals, even those very susceptible to acid action, such as aluminium, copper and soldering alloys.
- Its high level of alkalinity prevents any tendency to corrosion with durable action.
- Its special antirust properties help to protect ferrous metals in contact with the cooling fluid.
- Its particular formulation minimizes droppings of heat-exchange efficiency even if water with a not negligible rate of hardness is used.
- Its marked antifoam properties prevent conditions of air trapping that could negatively affect the heat-removal capacity of the coolant. This action is ensured even when circulation is very rapid.
- It is compatible with rubber and will not cause seals swelling.

APPLICATIONS

The thermal behaviour of the coolant is closely related to the dilution rate adopted. The following table shows the freezing/boiling points of the mixture at different dilution rates.



eni Antifreeze Extra

eni Antifreeze Extra (% vol.)	Freezing Point (°C)	Boiling Point (°C)
25	-12	103
33	-18	105
50	-38	110
60	-45	112

Based on field experience, it is recommended to keep dilution rate within range 40-60% in demineralized water in order to get best performance from the product; nevertheless, the prescriptions for suitable type of coolant and dilution modalities are straight responsibility of the vehicle's manufacturer and the user must always comply with them.

Mixing eni Antifreeze Extra with different coolants could negatively affect overall performances of final mixture.

SPECIFICATIONS

eni Antifreeze Extra meets the requirements of the following specifications:

- CUNA NC 956-16 (ed. '12)