



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)