



eni Antifreeze Plus

eni Antifreeze Plus is a special amines, phosphates, nitrite-free liquid for mixing with demineralized water in the cooling circuits of vehicles.

CHARACTERISTICS (Typical figures)

eni Antifreeze Plus

Color	-	turquoise
Boiling point	°C	170
Freezing point	-	(see table below)
pH dil. 50% water	-	8.3
Mass density at 15°C	kg/l	1,130

PROPERTIES AND PERFORMANCE

- eni Antifreeze Plus keeps its composition and characteristics unaltered during storage and in use.
- 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 outstanding antirust properties help protect ferrous and aluminium metals and their alloys in contact with the cooling liquid.
- 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 Plus (% vol.)	Freezing Point (°C)	Boiling Point (°C)
25	-12	105
33	-18	106
50	-38	108
60	-50	113



eni Antifreeze Plus

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 Plus with different coolants could negatively affect overall performances of final mixture.

SPECIFICATIONS

eni Antifreeze Plus is officially approved by or meets the specification requirements of the following organizations and car makers:

- VW TL 774 C
- BMW
- MAN 324 Typ NF
- MB-Approval 325.0
- OPEL
- VOLVO
- MASERATI
- NATO S-759
- ASTM D 3306
-