



# Eni ANTIFREEZE SPEZIAL 12++

**Eni Antifreeze Spezial 12++** is an amine, phosphate, borate and nitrite free radiator protection, with the silicate inhibitor technology (Si-OAT), based on ethylene glycol with improved corrosion and aluminium protection for prolonged change intervals.

## Characteristics (typical figures):

Eni Antifreeze Spezial 12++	Unit	
Colour	-	pink
Boiling point	°C	≥160
Freezing point (in water)	-	see table
pH dil. 50% water	-	8,4
Density at 20°C	kg/l	1,124

## Properties and performance:

- **Eni ANTIFREEZE Spezial 12++** is a radiator protection product formulated according to the current requirements of the vehicle manufacturers.
- The used nitrite, amine, borate and phosphate free inhibitors protect all highly loaded engines, especially all-aluminium engines, from frost, oxidation and overheating. A deposit formation is effectively prevented in the complete cooling system.
- It has long-term protection against corrosion for all materials used in the engine and radiator construction, such as cast iron, aluminium, copper and solder alloys as well as a good compatibility with tubes, sealings or plastics.
- It is miscible with all silicate containing and silicate free radiator protection qualities.

## Applications:

Freezing and boiling point of the coolant depend on the concentration in the water:

Eni Antifreeze Spezial 12++ (% Volume)	Water (% Volume)	Freezing point (°C)
25	75	-12
33	67	-18
50	50	-38
60	40	-50

It is recommended to use the product in a concentration of 33 to 60% in water to achieve the best working conditions.

Please observe the manufacturer's specifications when selecting products.



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## Specifications:

**Eni Antifreeze Spezial 12++** is officially approved by name respectively meets the requirements\* of the following specifications:

- VW/AUDI/SEAT/SKODA/Lamborghini/Bentley/Bugatti TL 774 G (G 12++)
- DTFR 29C120 (MB 325.5) (Approval)
- MB approval 325.5/ 325.6
- MAN 324 Typ Si-OAT
- O-Norm V 5123
- ASTM D 3306
- ASTM D 4985
- BS 6580:2010
- AS 2108-2004
- SAE J1034
- CUNA NC 956-16
- JIS K 2234:2006
- SANS 1251:2005
- China GB 29743-2013
- Porsche from MJ 1996
- Cummins CES 14603
- MTU MTL 5048
- Liebherr Minimum LH-01-COL3A
- Deutz DQC CC-14
- IRIZAR, S.COOP (Sept. 2016)