

## PLATIN ANTIFREEZE AN 12++

Present-day generation of premium long-lasting radiator antifreeze concentrate based on monoethylene glycol. Free of nitrite, amine and phosphate.

### Description

PLATIN ANTIFREEZE AN 12++ is a present-day generation of premium long-lasting radiator antifreeze concentrate based on monoethylene glycol. It is free of nitrite, amine and phosphate and offers reliable protection to aluminium and cast iron engines.

### Application

PLATIN ANTIFREEZE AN 12++ has been developed specifically to meet the latest requirements applicable to aluminium and cast iron engines. It reliably protects against deposits and foam formation and thus ensures optimal heat dissipation. It is used in many internal combustion engines according to the manufacturer's specification.

### The quality of this product is equivalent to EU regulations

- ASTM D3306
- AFNOR NF R 15-601
- BS 6580
- SAE J1034
- Deutz DQC CC-14
- MAN 324 Si-OAT
- MB 325.5/325.6
- Scania TB 1451
- VW TL 774-G (G12++)

### Additionally this product is recommended when the following filling instructions are required

- JIS K 2234

### Benefits

- It meets the current VW specification VW TL 774-G (G12++)
- It is backward compatible with the former VW specifications G12+, G12 and G11 (TL 774 C-F)
- Available for use in cast iron and aluminium engines
- Prevention of deposits in a reliable manner
- Very good and permanent corrosion protection
- Unsurpassed protection against cavitation
- Minimal tendency to foam
- Miscible and compatible with other antifreeze concentrates of the same specification. However, in order to exploit the full product benefits of PLATIN ANTIFREEZE AN 12++, a complete coolant change is recommended.

### Mixing Table

Frost protection up to [°C / °F]	ANTIFREEZE	H2O
-37 / -35	1	1
-27 / -17	1	1,5
-20 / -4	1	2

### Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	1.12
Color	visuell	-	magenta
Kinematic viscosity KV 20	ASTM D-7042	mm <sup>2</sup> /s	25
Boiling point	ASTM D 1120	°C	> 163
pH	ASTM D1287	-	8,6
Freezing point 1:1 AF:Water	ASTM D1177	°C / °F	-37 / -34,6

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