

ASTRON Antifreeze A 11 blue, green, yellow

Radiator antifreeze.

Properties

ASTRON Antifreeze A 11 is an economical corrosion inhibitor and anti-freeze agent concentrate for radiators in water-cooled vehicles. The product is free of nitrite, amines and phosphates. **ASTRON Antifreeze A 11** provides excellent frost and corrosion protection all year round. The product does not have any negative effect on coolant hoses or cylinder head gaskets.

Use instructions

ASTRON Antifreeze A 11, mixed with the correct amount of water, is used as a coolant and thermal transfer fluid in internal combustion engines. The product is suitable for engines made in cast iron, aluminium and a combination of these two metals, and for cooling systems made from aluminium or copper alloys. We recommend maintaining a concentration of 50% (v/v) during all seasons.

Observe manufacturer instructions!

Specifications*:

- ASTM D 3306
- SAE J 1034
- AS 2108-2004
- AFNOR NF R15-601
- BS 6580:2010

Recommendations*:

- MB 325.2
- MAN 324 NF
- VW TL 774 C
- MTU
- BMW
- Opel-GM
- Deutz/MWM
- Ford/Jaguar

Proportion ASTRON Antifreeze A 11	Proportion of water	Frost resistance until:
1	2	-18°C
1	1,5	-24°C
1	1	-36°C

TYPICAL VALUES	METHOD	UNIT	ASTRON Antifreeze A 11
Density at 20°C	ASTM D 4052	g/cm ³	1.12
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0.1 n HCl	21,5
Boiling point	ASTM D 1120	°C	>160
pH value	ASTM D 1287	-	7,5-9
Flash point	ASTM D 92	°C	>111
Antifreeze at 50%	ASTM D 1177	°C	- 36
Colour	-	-	yellow/ blue / green

* meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.

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Power in every molecule

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Health, Safety and Environment –
information is provided for products
in the relevant Safety Data Sheet.

