ASTRON Antifreeze A 13

Super-longlife radiator antifreeze, violet

Properties

ASTRON Antifreeze A 13 is a premium radiator corrosion inhibitor and anti-freeze agent based on ethylene glycol, with highly effective inhibitors combining OAT and silicate technology as well as high-performance additives. It ensures maximum long-term protection of all metal components in the motor. The product does not have any negative effect on coolant hoses or cylinder head gaskets.

Recommendations*:

- VW TL 774 J
- Audi
- Bentley
- Bugatti
- Lamborghini
- Seat/Skoda

Use instructions

ASTRON Antifreeze A 13 – mixed with the correct amount of water – can be used without restrictions as a thermal transfer fluid in internal combustion engines made in cast iron, aluminium or a combination of these metals, and radiator systems made in aluminium or copper alloys. **ASTRON Antifreeze A 13** is particularly recommended for high-tech engines that require special high-temperature protection for aluminium components.
We recommend maintaining a concentration of 50% (v/v) during all seasons.
ASTRON Antifreeze A 13 can be mixed with most coolants based on ethylene glycol.
Caution: Observe manufacturer instructions. Minimum concentration: 33 % (v/v).

ASTRON Antifreeze A 13	Patr Water	Frost resistance until:
1	2	-18°C
1	1,5	-24°C
1	1	-36°C

TYPICAL PARAMETERS	METHODS	UNITS	ASTRON Antifreeze A 13
Density at 20°C	ASTM D 4052	g/cm³	1,119
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0,1 n HCl	6,5
Boiling point	ASTM D 1120	°C	>170
pH value	ASTM D 1287	-	7,5 - 9
Flash point	DIN EN ISO 2592	°C	>111
Antefreeze at 50 vol.%	ASTM D 1177	°C	- 36
Colour	-	-	violet

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

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

MADE IN GERMANY