

INA Antifriz BS Super

General Description - Application

INA Antifriz BS Super is a ethylen glycol-based fluid for outstanding protection of the modern engine cooling system from corrosion, freezing and overheating with extended change intervals. Exempt from potentially harmful additives such as nitrites, amines, phosphates, borates and silicates. INA Antifriz BS Super mixed with the appropriate amount of water, according to Antifreeze Mixing Table, is used as a cooling fluid in automotive engines and central heating systems. Mixing INA Antifriz BS Super with other coolants is not recommended.

Performance Level - Specifications

VW/Audi/Seat/Škoda TL 774 F
 Porsche tech. Information
 MTU MTL 5048
 Scania TB 1451
 INA N 22-112 TIP 7

Properties	INA Antifriz BS Super	Method
Appearance and Colour	clear, violet	visual
Density at 20 °C, g/cm ³	1,124	ASTM D 1122
pH Value	8,3	ASTM D 1287
Refractive Index at 20 °C	1,433	ISO 5661
Boiling Point, °C	180	ASTM D 1120
Alkalinity Reserve, ml 0,1N HCl	10,15	ASTM D 1121
Water Content, % mas.	2,32	ASTM D 1123
antifreeze-water mixture with the volume ratio 1:1		
Freezing Point, °C	-37	ASTM D 3321
Freezing Point, °C	-38	ASTM D 1177
pH Value	7,96	ASTM D 1287

Antifreeze Mixing Table

INA Antifriz AI Super : water	Protection against Corrosion	Freezing Point	Protection against Boiling till
1 : 2	Full protection	-18 °C	104 °C
1 : 1,5		-25 °C	106 °C
1 : 1		-37 °C	108 °C

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.