

A.Z. Meisterteile Kühlerfrostschutz KFS 12-35

coolant, ready to use

Product benefits

- can be used for all types of engines
- protects against cooling
- protects against corrosion
- protection against overheating
- protection against cavitations
- does not contain nitrite, amine and borate compounds

Applications

A.Z. Meisterteile Kühlerfrostschutz KFS 12-35 can be used without dilution in the cooling systems of passenger cars and vans, irrespective of the type of the engine.

A.Z. Meisterteile Kühlerfrostschutz KFS 12-35 can be mixed with other brands of coolants. Most coolant blends are based on carefully balanced mixtures of various corrosion inhibitors. Mixing of coolants with different inhibitor packages can lead to loss of corrosion protection.

Specifications and approvals

BS 6580:2010
ASTM D 3306
AFNOR R-15-601
VW/Audi/Seat/Skoda TL 774-G (VW code G12++)
VW/Audi/Seat/Skoda TL 774-J (VW code G13)
DTFR 29C120 (ex MB 325.5)
Ford ESD-M97B49-A
Chrysler MS-7170
Fiat 9.55523
BMW LC 87, LC 97, LC 18
Opel-GM GME L1301
Toyota 1WW/2WW Engines
VW G12 EVO (TL 774-L)
Volvo Cars 128 6083/002

Product description

A.Z. Meisterteile Kühlerfrostschutz KFS 12-35 is a ready to use ethylene-glycol based antifreeze coolant concentrate, produced with an Si-OAT additive system. It is free from nitrites, amines and borates is suitable for filling the cooling systems of internal combustion engines. A.Z. Meisterteile Kühlerfrostschutz KFS 12-35 can be mixed with other monoethylene-glycol and monopropylene-glycol based antifreeze coolants without limitation.

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Typical properties

Properties	Typical values
Appearance	red, clear liquid
Colour	red
Density at 15°C [g/cm ³]	1,071
Corrosion test in glassware [mg]	
- cast aluminium [mg]	0
- cast iron [mg]	1
- copper [mg]	0
- brass [mg]	0
- steel [mg]	0
- solder [mg]	0
pH value	8,3
*Refractive index at 20 °C	1.3863
Density at 20 °C [kg/m ³]	1,07
Freezing point [°C]	36
Alkalinity [ml 0,1M HCl/10 ml]	4.5
Water content (Karl Fischer) [mass %]	max. 5
Boiling point [°C]	110
Freezing point (1:1 distilled water) [°C]	max. -36
Reserve alkalinity, M/10 HCl [ml]	4,8
Hamutartalom (autochemic) [mass %]	max. 5
Refractive index at 20 °C	1.388

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Should be stored in its original packaging with airproof sealing, separately from foods, in a place protected against water and sunshine, locked away from children.

Shelf life in the original container under the recommended storage conditions: 48 months

Recommended storage temperature: -35°C - +30°C