Aykos ANTIFREEZE 12++ CONC

Monoethylene glycol-based silicate-containing coolant concentrate

Product description and properties

Aykos ANTIFREEZE 12++ CONC is a coolant concentrate based on monoethylene glycol. It uses advanced antifreeze technology that combines the benefits of Organic Acid Technology with those of conventional mineral (silicate) technology.

Aykos ANTIFREEZE 12++ CONC provides:

- Corrosion protection through the combination of organic acids and highly stable silicate additives, particularly suitable for aluminium engines.
- Good thermal properties for reliable engine cooling without delayed boiling.
- Excellent anti-foaming properties.
- Free from abrasive solids to protect water pump seals.
- Free from borates, phosphates, nitrites and amines.
- Long service life through corrosion inhibitors with a low consumption rate.

Application

Aykos ANTIFREEZE 12++ CONC is suitable for use in gasoline and diesel engines. Before use, the concentrate must be mixed with **demineralized water** according to the desired level of frost protection.

Recommended mixing ratio

ANTIFREEZE 12++ CONC		
Frost protection down to	**Concentrate**	**Water**
-20 °C	33 Vol.-%	67 Vol.-%
-40 °C	50 Vol.-%	50 Vol.-%
-70 °C	67 Vol.-%	33 Vol.-%

Specifications / Recommendations

AFNOR NF R15-601 (France)
AS 2108 (Australia)
ASTM D3306 (USA)
ASTM D4656 (USA)
ASTM D4985 (USA)
Audi TL 774 G
Bentley TL 774 G
Bugatti TL 774 G
BS 6580: 2010 (UK)
Cummins CES 14603
CUNA NC 956-16
Deutz DQC CC-14
DTFR 29C120 (MB 325.5)
Fendt
FVV Heft R443
Irizar
Lamborghini TL 774 G
Liebherr Min LH-01-COL3A
MAN 324 Typ Si-OAT
Massey Ferguson
Mercedes Benz MB 325.6
Porsche
SAE J 1034
Scania
Skoda TL 774 G
Volkswagen VAG TL 774 G
Seat TL 774 G
UNE 26361-8

Reference values

Aykos ANTIFREEZE 12++ CONC	**unit**	**value**
Density at 20°C	kg/m³	1119
Color		clear, pink liquid
Freezing point 50% vol. in water	°C	-38
pH value (50%)		8,3
Boiling point	°C	>170

Article no: 119675-XXX

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We reserve the right to make changes to the technical data.
Please observe the regulations of the machine manufacturer.
For further information, please refer to the safety data sheet.

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