

Antifreeze for radiators

manufacturer	model	year built		Cartechnic recommendation
		from	till	
Alfa Romeo	all models	1976	2005	CART999
	all models	2005	today	CART999 CT 12 plus
Audi	all models	1981	1996	CART999
	all models	1996	2008	CART999 CT 12 plus
	all models	2008	today	CART999 CT 12++ CART999 CT 13
BMW	all models	1975	today	CART999
	Mini with petrol engine	2001	today	CART999
	Mini with diesel engine	2007	today	CART999 CT 12 plus
Chevrolet	all models	2001	today	CART999 CT 12 plus
Chrysler	all models	1985	2007	CART999
	all models	2008	today	CART999 CT 12 plus
Citroën	all models	1993	today	CART999 CT 12 plus
Dacia	all models	2005	today	CART999 CT 12 plus
Fiat	all models	1982	2005	CART999
	all models	2005	today	CART999 CT 12 plus
Ford	all models		1997	CART999
	all models	1998	today	CART999 CT 12 plus
Honda	all models	1983	today	CART999 CT 12 plus
Hyundai	all models	1982	today	CART999 CT 12 plus
Jaguar	all models	1986	1999	CART999
	all models	1999	today	CART999 CT 12 plus
KIA	all models	1991	today	CART999 CT 12 plus
Lada	all models			CART999
Lancia	all models	1976	2005	CART999
	all models	2005	today	CART999 CT 12 plus
Land Rover	Freelander, Discovery, Defender, Range Rover	1998	2005	CART999 CT 12 plus
	Range Rover V8 and Diesel	1998	2005	CART999
Lexus	all models	1994	today	CART999 CT 12 plus
Mazda	all models	1977	today	CART999 CT 12 plus
Mercedes	all models	1976	4/2014	CART999
	all models	5/2014	today	CART999 CT 12++

manufacturer	model	year built		Cartechnic recommendation
		from	till	
Mitsubishi	all models except Carisma and new Colt	1982	today	CART999 CT 12 plus
	Carisma	1996	2004	CART999
	Colt	2004	2007	CART999
Nissan	all models	1982	today	CART999 CT 12 plus
Opel	all models	1975	2000	CART999
	all models	2001	today	CART999 CT 12 plus
Peugeot	all models	1993	today	CART999 CT 12 plus
Porsche	alle Modelle (except 911)		2010	CART999
	all models	1996	2009	CART999 CT 12 plus
	all models	2010	today	CART999 CT 12++
Renault	all models	1985	today	CART999 CT 12 plus
Saab	all models	1975	2000	CART999
	alle Modelle	2001	today	CART999 CT 12 plus
Seat	all models	1985	1996	CART999
	all models	1997	2007	CART999 CT 12 plus
	all models		today	CART999 CT 12++
	all models	2008	today	CART999 CT 13
Skoda	all models	1989	1998	CART999
	all models	1998	2008	CART999 CT 12 plus
	all models		today	CART999 CT 12++
	all models	2008	today	CART999 CT 13
Smart	all models	1998	4/2014	CART999
	all models	5/2014	today	CART999 CT 12++
Subaru	all models	1977	today	CART999 CT 12 plus
Suzuki	all models	1981	today	CART999 CT 12 plus
Toyota	all models	1978	today	CART999 CT 12 plus
Volkswagen	all models	1975	1996	CART999
	all models	1997	2008	CART999 CT 12 plus
	all models		today	CART999 CT 12++
	all models	2008	today	CART999 CT 13
Volvo	all models	1982	2014	CART999

Antifreeze for radiators

Antifreeze



Cartechnic antifreeze for radiators offers a reliable whole-year protection against frost and overheating. It is suitable for engines made of cast iron, aluminum or combinations of both materials and for aluminium or copper alloy cooling systems. Cartechnic antifreeze for radiators is free from potentially harmful substances such as nitrites, amines and phosphates. Frost protection down to -36° Celsius with a mixture of 1: 1.

Capacity	Article-Nr.
1,5 liter	CART999 1,5L
5 liter	CART999 5L
20 liter	CART999 20L
60 liter	CART999 60L
200 liter	CART999 200L

Antifreeze CT 12 plus



Cartechnic antifreeze for radiators CT 12 Plus is based on ethylene glycol. It is free from nitrites, amines and phosphates and also free of silicates. Offers protection against corrosion and cavitation. The product offers a maintenance-free frost and corrosion protection for cast iron and aluminum engines or combinations of both materials and for aluminium or copper alloy cooling systems. Frost protection down to -36 ° Celsius with a mixture of 1: 1. ATR recommends this product for MAN 324 SNF, MB 325.3, VW TL 774 F for Audi - SEAT - Skoda - VW as a lifetime filling

Capacity	Article-Nr.
1,5 liter	CART999 CT12PLUS 1,5L
5 liter	CART999 CT12PLUS 5L
20 liter	CART999 CT12PLUS 20L
60 liter	CART999 CT12PLUS 60L
200 liter	CART999 CT12PLUS 200L

Antifreeze CT 12++



Cartechnic antifreeze for radiators CT 12 ++ is a radiator guard and heat transfer medium with high-quality anti-corrosion additives for motor and cooling system and meets the current requirements of numerous OEMs. CT 12 ++ is based on ethylene glycol and is free of borate, (borax-), nitrite, amine and phosphate. CT 12 ++ is suitable for summer and winter operation and provides maintenance-free protection against frost, overheating and rust formation (long-life radiator protection). Approval: VW TL 774 G.

Capacity	Article-Nr.
1,5 liter	CART999 CT12++ 1,5L
5 liter	CART999 CT12++ 5L
20 liter	CART999 CT12++ 20L
60 liter	CART999 CT12++ 60L
200 liter	CART999 CT12++ 200L

Antifreeze CT 13



Cartechnic antifreeze for radiators CT 13 is a radiator guard and heat transfer medium with high-quality anti-corrosion additives for summer and winter operation. By combining organic and mineral inhibitors (silicate), Cartechnic Kühlerschutz CT 13 provides maintenance-free protection against frost, overheating, corrosion and cavitation (Longlife radiator protection). Approval: VW TL 774 J

Capacity	Article-Nr.
1,5 liter	CART999 CT13 1,5L
5 liter	CART999 CT13 5L
20 liter	CART999 CT13 20L
60 liter	CART999 CT13 60L
200 liter	CART999 CT13 200L

Instruction

Application:

Cartechnic antifreeze for radiators should preferably be diluted with softened water. The recommended concentration is 50 %Vol antifreeze and 50 %Vol water which provides a frost protection down to approximately -37 ° Celsius.

Miscibility table:

Antifreeze and Antifreeze CT 12 plus			Antifreeze CT 12++			Antifreeze CT 13		
antifreeze till	Anti-freeze %	water %	antifreeze till	Anti-freeze %	water %	antifreeze till	Anti-freeze %	water %
-15°C	30	70	-23°C	40	60	-20°C	36	64
-25°C	40	60	-37°C	50	50	-30°C	45	55
-36°C	50	50	-52°C	60	40	-35°C	50	50
-69°C	69	31	-69°C	68	32	-69°C	68	32

Miscibility:

All Cartechnic antifreezes for radiators are fully compatible and can be mixed with most coolants based on ethylene glycol or of comparable specifications. However, for an optimal corrosion protection and to avoid sludge formation we advise you to use the respectively recommended product, also when refilling.

Miscibility table*

miscible/refillable with:	current filling of cooling system:		
	Antifreeze CT 12 plus	Antifreeze CT 12++	Antifreeze 13
Antifreeze CT 12 plus	miscible in any proportion	miscible in any proportion	miscible in any proportion
Antifreeze CT 12++	miscible, but decline of corrosion protection ¹	miscible in any proportion	miscible in any proportion
Antifreeze CT 13	miscible, but decline of corrosion protection ¹	miscible in any proportion	miscible in any proportion

*mixing recommendations only valid for vehicles of the VW group
¹ no lifetime guarantee!
 Observe the manufacturer's instructions!