

# Driver Antifreeze SC-D12++

**Radiator protection, Si-OAT-coolant additive concentrate (Colour: pink/violett)**

## Description:

**Driver Antifreeze SC-D12++** is a full concentrate radiator guard and heat transfer medium based on ethylene glycol with a silicon additive package for both summer and winter operation that gives maintenance-free protection against frost, overheating and rust formation (long-life radiator protection).

**Driver Antifreeze SC-D12++** is the latest cooler protection and heat transfer medium with high-quality anti-corrosion additives for engine and cooling system. It corresponds to the current requirements of numerous OEMs and is superbly enhanced by organic and silicate technologies (Si-OAT-coolant).

**Driver Antifreeze SC-D12++** is free from borate, nitrite, amine and phosphates.

## Properties:

- Long-life radiator protection
- Improved heat transfer
- Uniform and homogeneous protective layer
- Silicate stabilised, i.e. no gel formation or flocculation
- Suitable for mixed fleets: product for cars, trucks and construction machinery
- Kind to the environment due to an extended life cycle
- Avoidance of foaming
- Compatibility with hose and sealing materials
- Compatibility with varnishes

## Application:

**Driver Antifreeze SC-D12++** is outstanding for engines made of cast iron, aluminium or a combination of both metals. It can also be used in cooling systems made from aluminium or copper.

**Driver Antifreeze SC-D12++** is particularly recommended for light metal engines which demand special aluminium protection at higher temperatures.

Recommended concentration for use 50% **Driver Antifreeze SC-D12++** and 50% water which gives a frost protection of -37°C. Frost protection of up to -68°C is possible with maximum 69% **Driver Antifreeze SC-D12++** and 31% water.

**Driver Antifreeze SC-D12++** meets the requirements pursuant to VW TL774 G (G12++) for passenger cars of the VW group from 2008; also recommended for build years after 2005.

## Suitable for/ we recommend this product for:

We recommend this product for:	
AFNOR	NF-R 15-601 Type 1
AS	2108 : 2004
ASTM	D 3306 Type I, D 4985
AUDI, (BENTLEY, BUGATTI, LAMBORGHINI), SEAT, SKODA	G 12 ++
BS	6580
CHINA GB	29743-2013
CUMMINS	CES 14603
CUNA	NC 956-16
JIS	K 2234 : 2006
MAN	324 Typ Si-OAT
MB	325.5, 325.6
MTU	MTL 5048
NATO	S 759
SAE	J 1034
SANS	1251 : 2005, SH 0521-1999

Data are subject to change.

Attention: Service instructions should be observed!

DV/WINTER/-  
09/2016

SCANIA	TB 1451
UNE	26361 - 88
PORSCHE	
VW	TL 774-G (G12++)

**Miscibility:**

- **Driver Antifreeze SC-D12++** is miscible with most coolants based on ethylene glycol (VW G11, G12 VW, VW G12 +). To achieve an optimal corrosion protection and to avoid sludge formation it is recommended to use pure **Driver Antifreeze SC-D12++**. For the preparation of mixtures softened water should be preferred.

<b>Driver Antifreeze SC-D12++</b>		
<b>Article No.</b>	<b>Packaging unit</b>	
1410 232	Can	1 L
1410 233	Can	1500 ml
1410 234	Can	5 L
1410 235	Can	20 L
1410 236	Drum	60 L
1410 238	Drum	200 L
1410 239	PE-Container	1000 L

<b>Typical characteristics:</b>		
Specific weight at 20°C	kg/m <sup>3</sup>	1,110 - 1,12
Boiling point	°C	>170
ph-value	(40 Vol.)	8,4
Water content	%	max. 3
Pour point antifreeze/water=1:1	°C	-37
Refraction at 20°C		1,432
Reserve alkalinity		6,0
Colour		pink (violet)

