



Swd Rheinol Antifreeze GW 12++ Concentrate

Monoethylenglycol based silicated coolant concentrate

Description and Application

Swd Rheinol Antifreeze GW 12++ -Concentrate is an coolant concentrate (antifreeze) based on monoethylene glycol.

This product utilizes advanced antifreeze technology that combines the advantages of organic acid technology with those of conventional mineral (silicate) technology.

In aqueous solutions, the carefully selected additive package of **Swd Rheinol Antifreeze GW 12++-Concentrate** provides the following properties:

- Extended service life due to corrosion inhibitors with a very low depletion rate.
- Effective thermal performance ensuring reliable engine cooling without boiling.
- Absence of abrasive solids, offering improved protection for water pump seals.
- Superior short- and long-term corrosion protection through the combined use of organic acids and highly stabilized silicate additives, particularly suitable for aluminum engines.
- Excellent anti-foaming properties.
- Environmentally friendly formulation, free from borates, phosphates, nitrites, and amines

Mixing figure:	protection down to	-20°C	-40°C	-70°C
Antifreeze GW 12++	Vol.%	33	50	67
Tap water	Vol.%	67	50	33

Specification / Recommendations

AFNOR NF R15-601 (France)	Irizar
AS 2108 (Australia)	Lamborghini TL 774 G
ASTM D3306 (USA)	Liebherr Min LH-01-COL3A
ASTM D4656 (USA)	MAN 324 Typ Si-OAT
ASTM D4985 (USA)	Massey Ferguson
Audi TL 774 G	Mercedes Benz MB 325.5, MB325.6
Bentley TL 774 G	Porsche
BS 6580: 2010 (UK)	SAE J 1034
Bugatti TL 774 G	Scania
Cummins CES 14603	Skoda TL 774 G
CUNA NC 956-16	Volkswagen VAG TL 774 G
Deutz DQC CC-14	Seat TL 774 G
Fendt	UNE 26361-8
FVV Heft R443	

Technical Properties

Swd Rheinol Antifreeze GW 12++ Concentrate	unit	value
Density at 20°C	kg/m ³	1119
Appearance		clear, pink liquid
Freezing Point (50% Vol in Water)	°C	-38
pH (50%)		8,3
Boiling Point	°C	>170

Article-Number :	39144
-------------------------	--------------

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further information to be available by MSDS.

act.PDS - Antifreeze GW 12++ Konzentrat
rv02E

Swd Lubricants GmbH & Co. KG
 Am Schlütershof 26
 D-47059 Duisburg
 Tel.: 0203 / 31919-0
 Fax: 0203 / 3191999