

## Shell Premium Antifreeze G12 EVO ready to use

Formulation code: CRX851, CRX851p

---

### Description & Advantages

Shell Premium Antifreeze G12 EVO is high quality modern nitrite-, amine-, phosphate (NAP free), borate and 2-ethylhexanoic acid free, containing Si-OAT corrosion protection technology where organic acid work together with the mineral silicate with Mono Ethylene Glycol (MEG) as basis for the best possible protection. Product is ready to use.

In all modern engines of car, truck and bus Shell Premium Antifreeze G12 EVO gives outstanding protection against frost, corrosion, and overheating in long term. Developed for high temperature engines effectively protects against corrosion in all types of water-cooled automotive and industrial combustion engines. Also suitable for electric vehicles. It gives high degree of corrosion both in corrosion protection and stability for oxidation in high temperatures. Shell Premium Antifreeze G12 EVO offers also outstanding sealing and material compatibility and economic efficiency thanks to special long-term protection.

Because of used technology Shell Premium Antifreeze G12 EVO remains effective for five years or **250 000 km** for passenger cars and **500 000 km** for utility vehicles. For coolant change intervals follow the vehicle manufacturer recommendations. Safe for all car parts it comes into contact with.

Shell Premium Antifreeze G12 EVO complies with plenty of the European and International quality standards: ASTM D3306 (US), ASTM D4985 (US), ASTM D6210 (US), SAE J 1034 (US), BS 6580: 2010 (UK), CUNA NC 956-16, JIS K 2234 2006, ÖNORM V 5123, VW TL 774-L (G12evo) and meets most of major OEM's:

**BMW from 1988 onwards (LC-87), Mini & Rolls Royce**

**Bugatti from 1998 (G12evo, G13, G12++, G12+, G11)**

**Daimler -Mercedes-Benz Cars (325.0, 325.6, 326.6)**

**Daimler -Mercedes-Benz Truck & Bus (325.0, 325.6, 326.6)**

**Deutz (DQC CC-14)**

**John Deere from 2011**

**Lamborghini from 1998 (G12evo, G13, G12++, G12+, G11)**

**Liebherr (Minimum LH-01-COL3A)**

**MTU (MTL 5048)**

**Perkins**

**Porsche from 1996 (G12evo, G13, G12++, G12+, G11)**

**Steyr Motors**

**Volvo AB -Volvo Cars (TR-31854114-002)**

**Volvo AB -Volvo Trucks (TR 1286083)**

**VW - Audi from 1996 (G12evo, G13, G12++, G12+, G11)**

**VW - MAN Truck & Bus (MAN type Si-OAT)**

**VW - Seat from 1996 (G12evo, G13, G12++, G12+, G11)**

**VW - Skoda from 1996 (G12evo, G13, G12++, G12+, G11)**

**VW - VW from 1996 (G12evo, G13, G12++, G12+, G11)**

### Usage

Shell Premium Antifreeze G12 EVO ready to use is diluted with water in volume ratio of 1:1. Product is ready to use.

To ensure maximum protection of the cooling system is recommended to completely drain the system, rinsed, then filled with liquid Shell Premium Antifreeze G12 EVO ready to use. Start the engine and

warm it with the heater turned on, then fill to the end with the prepared mixture. Always follow the advice of your vehicle manufacturer.

Shell Premium Antifreeze G12 EVO can be mixed with similar technology engine coolants based on Mono Ethylene Glycol (MEG) however, it is always recommended to follow the car manufacturer's instructions and in long run, replace the mixture fluid on the homogeneous coolant.

**Properties**

Chemical nature                      Mono Ethylene Glycol with inhibitors  
 Physical state                        Clear liquid  
 Colour                                    Pink

Properties (below are typical values):

Density at 20°C (kg/m³)	1.074	ASTM D4052
pH value	8.0 – 9.0	ASTM D1287
Freezing point	-38°C	ASTM D1177
Boiling point	108°C min	ASTM D1120
Miscibility with water	soluble in all proportions	

**Stability & Storage**

Product is stable for at least 3 years if stored in original containers in cool, dry and well-ventilated place. Product not compatible with steel except stainless steel containers. It must not be stored in galvanized containers.

**Safety**

Product is classified as hazardous according to EC CLP regulations. For details, see Safety Data Sheet. A safety data sheet compliant with applicable regulations is available. No UN number.

Date of issue: 04.10.2024

The information contained in this specification is based on the present state of our best knowledge and experience. Taking into account the diversity of factors that may affect the product during its use, these data do not relieve users of responsibility for carrying out their own tests and experiments; not also mean any legally binding assurances, or suitability for a particular purpose. The responsibility lies with the users of our product that all property rights and legal provisions are respected.