



ELECTRIFIED®

With its low conductivity, **GLYSANTIN® G22® ELECTRIFIED®** maintains low and stable currents when exposed to a voltage source. This translates into low fluid decomposition, low generation of hydrogen, and low self-discharge, making it a safety-optimized product for battery electric vehicles.

GLYSANTIN® G22® ELECTRIFIED®

OUR DEDICATED SOLUTION FOR BATTERY ELECTRIC VEHICLES

Various **GLYSANTIN®** premium engine coolants are already used to ensure cooling of electric vehicles in the market and – even more importantly – on the road. Yet, evolving mobility solutions and powertrain technologies lead to additional requirements for coolant technologies. Continuously rethinking cooling, **GLYSANTIN®** has developed the **GLYSANTIN® ELECTRIFIED®** product family addressing the specific requirements of modern mobility concepts.

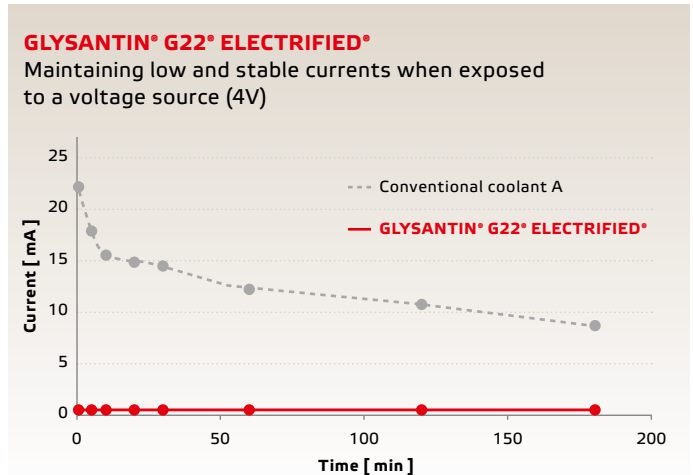
GLYSANTIN® G22® ELECTRIFIED®

- Marks the first product of a new generation of battery electric vehicle coolants. It is BASF's first low conductivity ready-to-use battery coolant for indirect cooling¹ of electric vehicles based on ethylene glycol.
- Provides a low electrical conductivity and thus maintains low and stable currents when exposed to a voltage source. This translates into low fluid decomposition and low generation of hydrogen, making **GLYSANTIN® G22® ELECTRIFIED®** a safety-optimized product, while ensuring optimal corrosion protection.
- Protects the battery cooling system, electric engine and power electronics against corrosion, overheating and frost using a corrosion inhibitor package based on organic salts (OAT) and silicate.
- Effectively protects the battery cooling system with its vital parts such as the cooling plate and channels, the heat sink, the chiller, the radiator, the water pump and the heater core against corrosion and deposits.
- Is specifically designed to achieve effective prevention of corrosion in a broad temperature window while maintaining low conductivity levels. It provides good passivation in the low-temperature coolant circuits (battery operation), but also at high temperatures (internal combustion engine, battery charging).

¹GLYSANTIN® G22® ELECTRIFIED® is intended for indirect cooling applications only. Do not use in immersion cooling applications.

COOL... COOLER... COOLANT

The descriptions, designs, data and information contained herein are presented in good faith, and are based on BASF's current knowledge and experience. They are provided for guidance only, and do not constitute the agreed contractual quality of the product or a part of BASF's terms and conditions of sale. Because many factors may affect processing or application/use of the product, BASF recommends that the reader carry out its own investigations and tests to determine the suitability of a product for its particular purpose prior to use. It is the responsibility of the recipient of product to ensure that any proprietary rights and existing laws and legislation are observed. No warranties of any kind, either expressed or implied, including, but not limited to, warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth herein, or that the products, descriptions, designs, data or information may be used without infringing the intellectual property rights of others. Any descriptions, designs, data and information given in this publication may change without prior information. The descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained, all such being given and accepted at the reader's risk. (05/2023)



BATTERY ELECTRIC VEHICLE



A brand of

BASF

We create chemistry