

GLYSANTIN® G22® ELECTRIFIED®

BASF's first battery coolant for sustainable transportation in the long run.

Moving sustainability forward!



 **BASF**

We create chemistry

E-coolant for **safe** and **high-performing** batteries

Solutions for sustainable transportation in the long run.

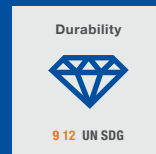
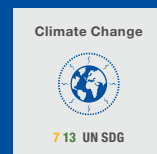


Battery- and fuel-cell run vehicles play an important role in the ambitious efforts to further decarbonize tailpipe emissions in the transportation sector. These technologies are continuously advancing, but to successfully drive broad public acceptance, drivers require solutions that deliver performance, reliability and safety at the same time. In response to this challenge, BASF has developed the product family **GLYSANTIN® ELECTRIFIED®**, specifically designed to meet and exceed all essential requirements in safety, performance and lifetime of the associated powertrain technologies. **GLYSANTIN® G22® ELECTRIFIED®** is a low electrical conductivity, ready-to-use coolant for indirect cooling of electric vehicles based on ethylene glycol. With its low electrical conductivity, **GLYSANTIN® G22® ELECTRIFIED®** maintains low and stable currents when

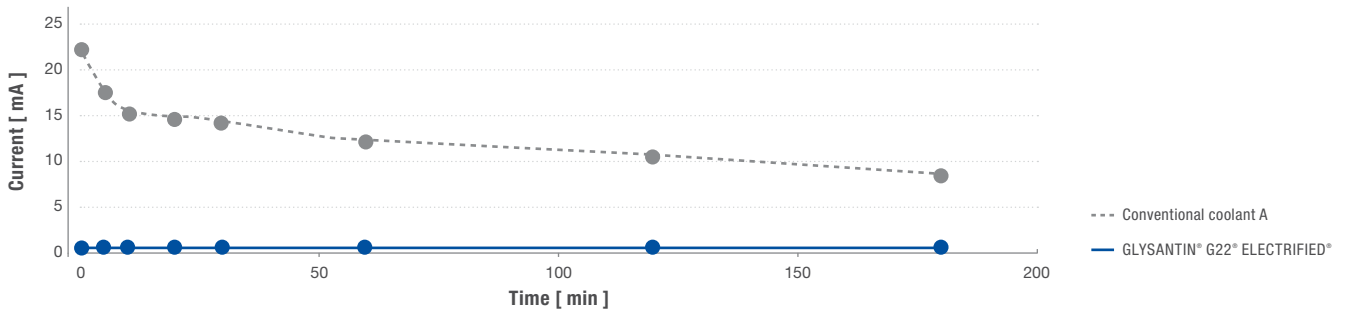
exposed to a voltage source. This translates into low fluid decomposition, low generation of hydrogen, and low self-discharge, making it a safety-optimized product for battery electric vehicles. The coolant provides good passivation in the low temperature coolant circuits (battery operation) as well as at high temperatures (battery charging). Beyond that, the product reliably delivers the renowned **GLYSANTIN®** core properties and protects the vital parts of the battery cooling system such as the cooling plate and channels, heat sink, chiller, radiator, water pump and the heater core against corrosion and deposits. **GLYSANTIN® G22® ELECTRIFIED®** helps to enable safe and reliable high performance battery solutions for the electrification of the transportation sector.

GLYSANTIN® G22® ELECTRIFIED® Your benefits

- **Low electrical conductivity** and **ready-to-use protection** for electric vehicles
- Specifically designed for next generation electric vehicles to **support low-emission technologies**
- Protects cooling system of battery, engine and electronic parts **against corrosion, overheating and frost**



GLYSANTIN® G22® ELECTRIFIED®: Maintaining low and stable currents when exposed to a voltage source (4V)



GLYSANTIN® G22® ELECTRIFIED® and **GLYSANTIN® NA22™ ELECTRIFIED®** are chemically identical; **GLYSANTIN® NA22™ ELECTRIFIED®** is the product name for the North American market.

For further information, visit us at [basf.com/fuel-lubricant-solutions/coolants](https://www.basf.com/fuel-lubricant-solutions/coolants) and **together we'll move sustainability forward!**

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