



ELECTRIFIED®

GLYSANTIN® G22® ELECTRIFIED® is our dedicated premium battery coolant. Due to its low electrical conductivity, it 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®

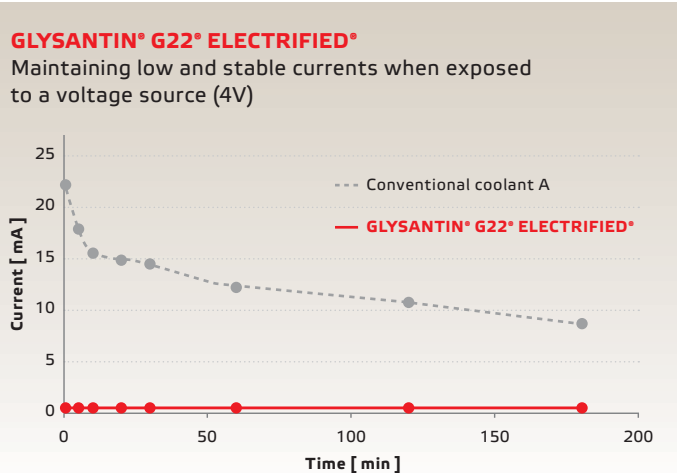
- Marks the first product of a new generation of battery electric vehicle coolants. It is BASF's first low conductivity ready-to-use battery coolant for indirect cooling¹ of electric vehicles.
- Provides a low electrical conductivity and thus maintains low and stable currents when exposed to a voltage 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

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

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BATTERY ELECTRIC VEHICLE



A brand of

BASF

We create chemistry