



ELECTRIFIED®

GLYSANTIN® FC G20® ELECTRIFIED® has been specifically developed to support the current and future requirements in fuel cell technologies. It maintains a low and stable electrical conductivity, while at the same time providing the renowned threefold protection against corrosion, frost and overheating.

GLYSANTIN® FC G20® ELECTRIFIED®

OUR DEDICATED SOLUTION FOR FUEL CELL ELECTRIC VEHICLES

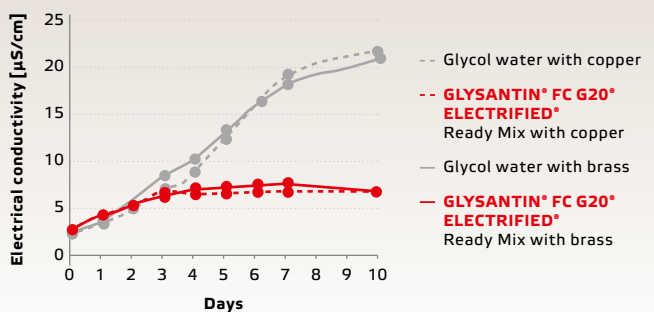
Mobility solutions are continually evolving and vehicle fleets around the globe are changing. The amount of available powertrain technologies has expanded significantly and led to a mix of powertrains on the road. This also translates into new requirements for coolant technologies. Continuously rethinking cooling, GLYSANTIN® has developed the GLYSANTIN® ELECTRIFIED® product family addressing the specific requirements of modern mobility concepts.

GLYSANTIN® FC G20® ELECTRIFIED®

- Marks the first product of an own generation of fuel cell coolants. **GLYSANTIN® FC G20® ELECTRIFIED®** has been specifically developed to support the current and future requirements in fuel cell technologies.
- Designed to continually maintain a low electrical conductivity compared to non-inhibited glycol-water mixtures and thus secures the electrical integrity of the system.
- Protects against corrosion, overheating and frost while maintaining low and stable electrical conductivity. This is of particular importance for fuel cell coolants, as corrosion inhibitors usually are ionic in nature and thus increase electrical conductivity to >2500 µS/cm. Fuel cell cooling requires a coolant with low electrical conductivity (typically <5 µS/cm) in order not to compromise the bipolar modulation of the fuel cell stack. **GLYSANTIN® FC G20® ELECTRIFIED®** contains a specifically developed and patented low electrical conductivity inhibitor package allowing for optimal corrosion protection while maintaining a stable and low electrical conductivity.
- Provides compatibility with a variety of metals, alloys, polymers and elastomers.
- Use with a matching ion exchange unit is recommended.

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Electrical conductivity of inhibited vs. non-inhibited glycol/water mixtures



FUEL CELL ELECTRIC VEHICLE

COOL... COOLER... COOLANT

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We create chemistry