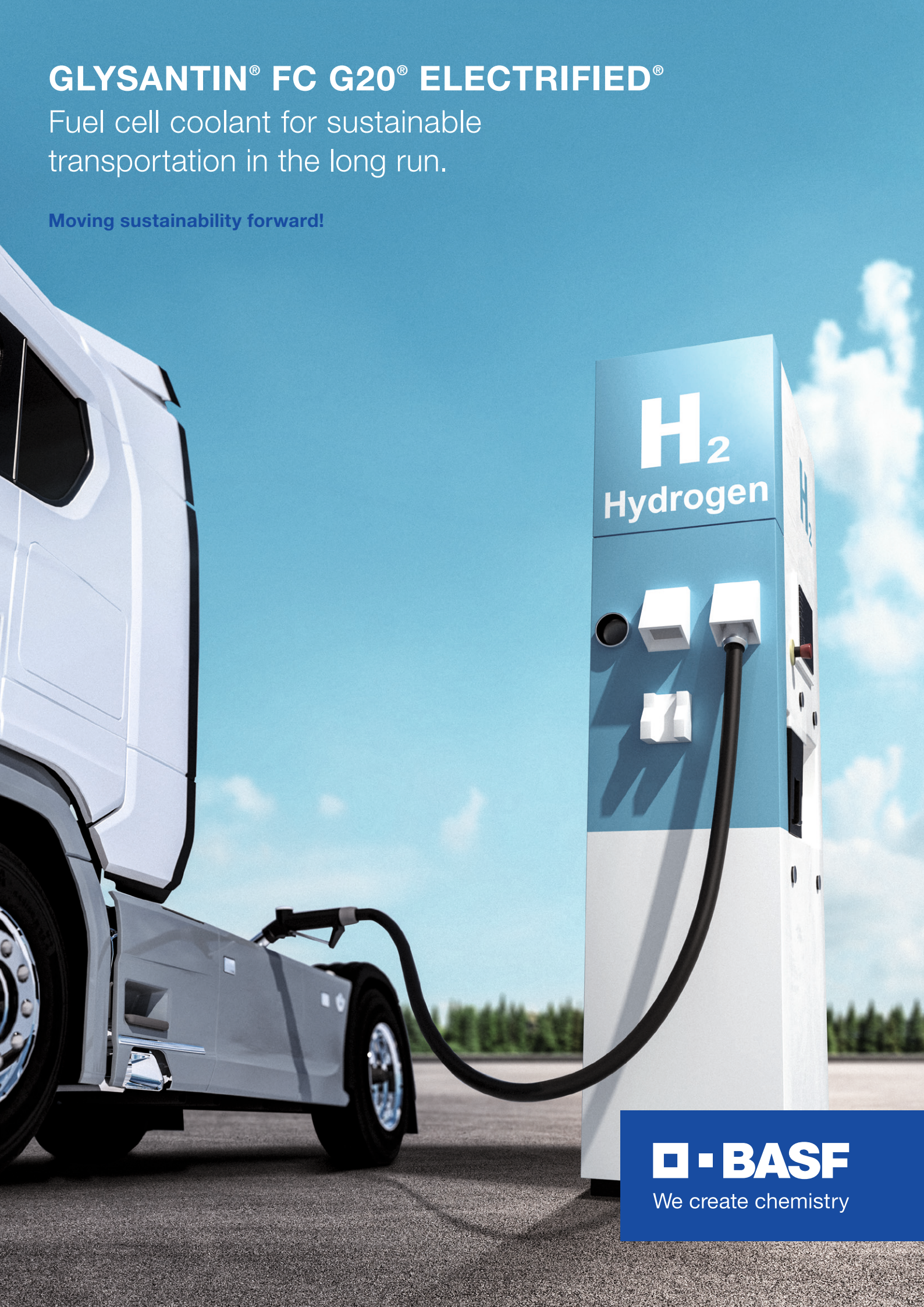
GLYSANTIN® FC G20® ELECTRIFIED®

Fuel cell coolant for sustainable transportation in the long run.

Moving sustainability forward!



BASF
We create chemistry

Coolant for **powerful and energy-efficient fuel cells**

Solutions for sustainable transportation in the long run.

As future low-emission technologies especially for the transportation sector are evolving, fuel cells represent one approach due to their sustainable use of resources. Fuel cells are based on the concept of creating electric power by converting the chemical energy of hydrogen-rich fuels. With this technology and hydrogen from renewable sources, virtually no harmful emissions are generated and the carbon footprint is small. The technology provides opportunities that affect passenger cars, heavy duty applications and even the marine sector. However, fuel cells also need an effective cooling system to ensure their efficient performance.

This represents significant new challenges for the ideal coolant – especially when it comes to low conductivity.

As a committed development partner to the industry, BASF has developed a coolant especially for fuel cells to support the current advancements in fuel cell technologies. **GLYSANTIN® FC G20® ELECTRIFIED®** Ready Mix provides the renowned triple protection against corrosion, overheating and frost, while also delivering extremely low electrical conductivity. Its formulation allows it to be used with or without ion exchange resins in the fuel cell cooling system. Compared to non-inhibited glycol water mixtures, the product maintains constant low electrical conductivity, and by doing so, secures the electrical safety of the system and reduces loss of energy. Building on these properties, **GLYSANTIN® FC G20® ELECTRIFIED®** helps to enable further advancements in the drive to mass market when it comes to the application of fuel cell technology.

GLYSANTIN® FC G20® ELECTRIFIED® Your benefits

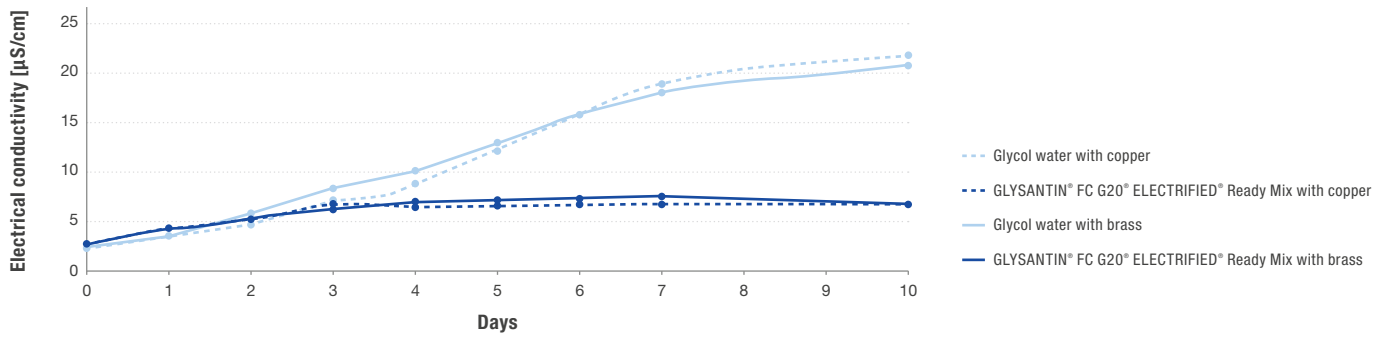
- **Minimized loss of energy** thanks to low ion concentration and low electrical conductivity
- Specially designed for modern fuel cell engines to **support low-emission technologies**
- Keeps engine safe through **triple protection against corrosion, overheating and frost**

Energy
7 13 UN SDG

Climate Change
7 13 UN SDG

Durability
9 12 UN SDG

Development of the electrical conductivity of inhibited vs. non-inhibited glycol/water mixtures



For further information, visit us at *basf.com/fuel-lubricant-solutions/coolants* and **together we'll move sustainability forward!**