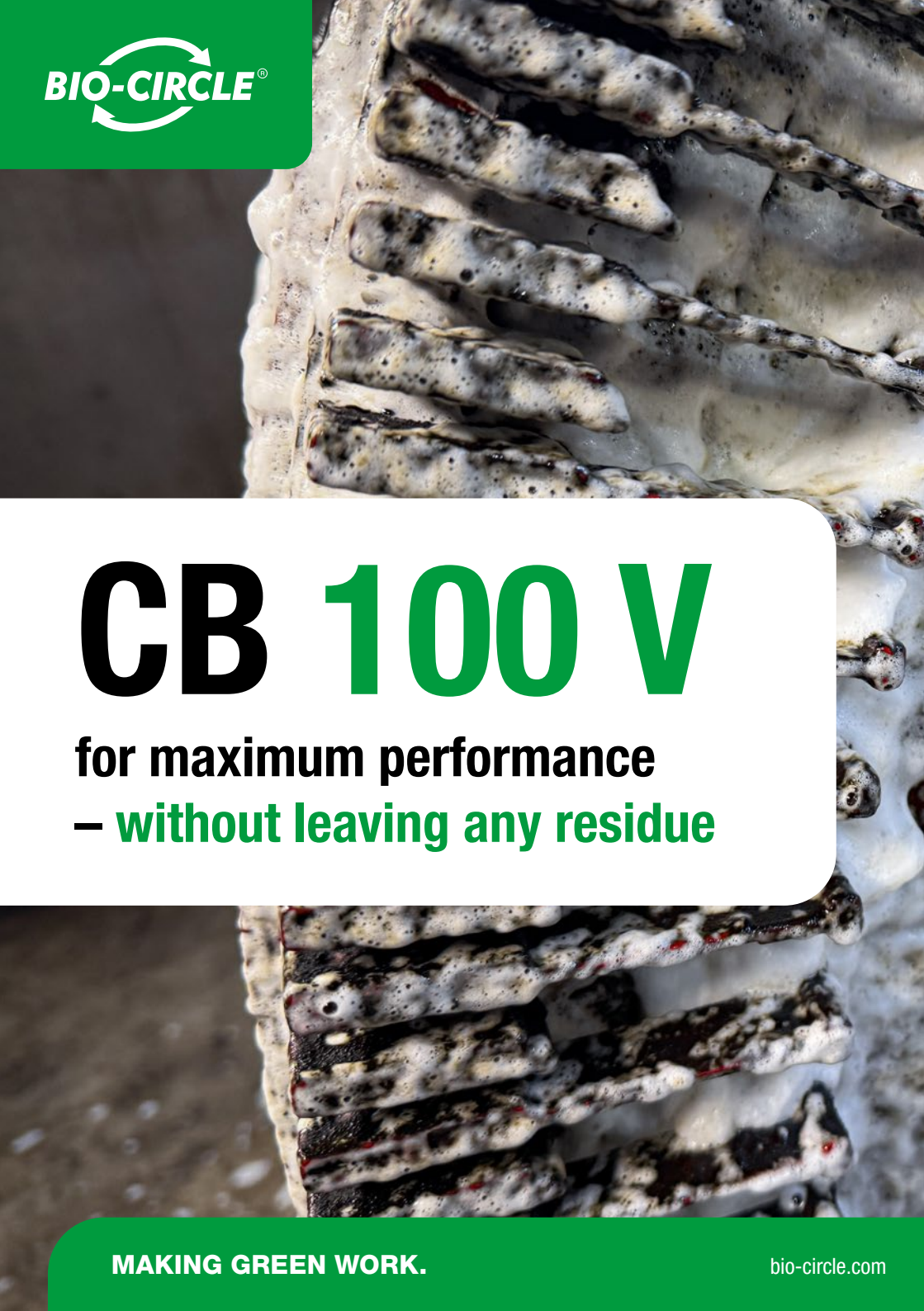
BIO-CIRCLE®



CB 100 V

for maximum performance – without leaving any residue

MAKING GREEN WORK.

bio-circle.com

Maximum performance – without annoying residues

Hot-water cleaning alone is not enough – **CB 100 V** reliably restores insulation values and saves time, energy, and costs.

Main areas of application

Electric motors, generators (e.g. from wind turbines), insulator cleaning, cleaning in switch cabinet construction, general maintenance of electrical systems

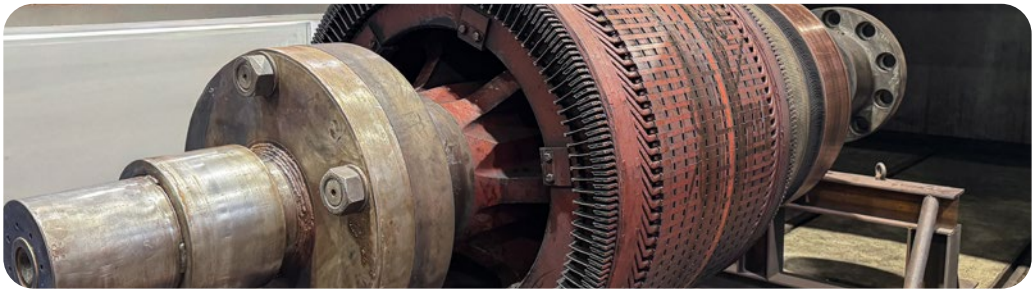
Other areas of application

Cleaning of machinery and equipment, maintenance and repair of parts, in conveyor technology, for surface preparation

(Test the compatibility of components individually)

Suitable for:

Vertical surfaces, large surfaces, contaminants such as dust, oils and greases, painted surfaces



Challenges

- Hot water does not completely remove contaminants from the windings
- Dust on components → conductive deposits
- Residues impair insulation resistance to earth
- Power loss leads to energy inefficiency, dismantling & maintenance costs

Typical contaminants

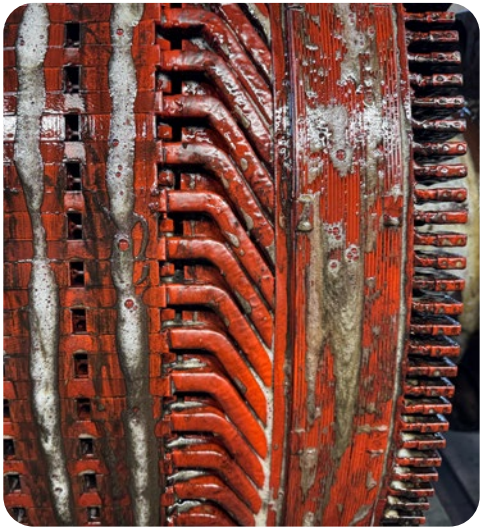
Dust deposits, carbon abrasion, oil and grease films, industrial dirt, long-term deposits in switch cabinets and power units



Why cleaning is crucial

- Without cleaning → painting not possible
- Crucial factor: insulation resistance to earth
- Residues = risk of power loss & failures due to repeated cleaning





Solution

CB 100 V

The powerful, salt-free foam cleaner

- Penetrates even the smallest gaps in the winding
- Foams actively → long contact time even in hard-to-reach areas
- Effectively removes conductive contaminants

READY TO USE | VOC reduced! | NATURE BOOST | unlabelled



Your benefits at a glance:

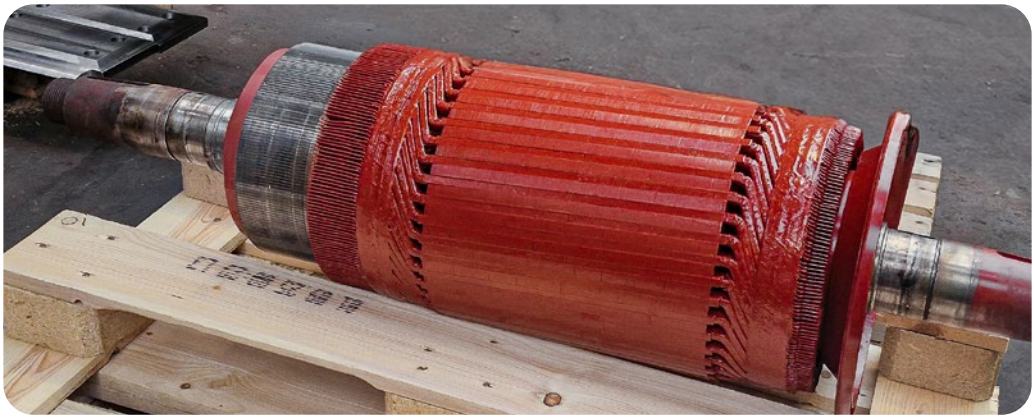
- Residues dry without causing any problems (when cleaning electric motors)
- Reliably restores insulating properties
- Almost like new in terms of insulation values
- No mechanical reworking required
- Gentle cleaning – insulation varnishes remain intact
- Reduced energy consumption (fewer drying cycles)
- Prevents duplicate cleaning processes

Sustainability: **Carbon footprint of 535 g CO_2e/t**

For solvents, the carbon footprint ranges from 2000 to 2700 kg CO_2e/t, depending on the manufacturer's process.

Efficiency & cost-effectiveness

- Avoids the need for further washing and drying → saves time and money
- Reduces energy consumption caused by re-drying
- Minimises downtime caused by repeated cleaning



Application



- Simply apply the thin, viscous foam
- Ideal for use with a pressure cleaner washer
- Reaches areas that are not mechanically accessible

For use with:

Stainless steel foam sprayer



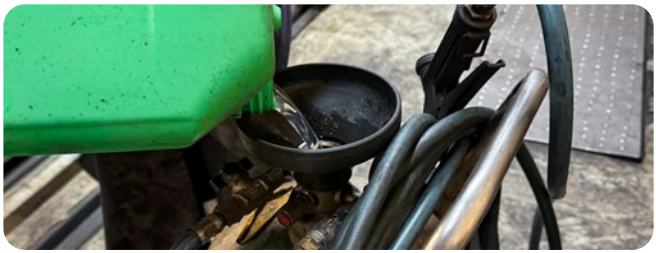
Foam injector for 200 L drum / IBC



Foamer 1.25 L (foam sprayer)



BIO-CIRCLE®



What our customers say:

„The CB 100 V delivers excellent cleaning results and subsequently very good insulation values. It meets our cleaning performance requirements very well.“

Main Electrical Workshop, thyssenkrupp Steel Europe AG

Try it now
and rethink cleaning!

Bio-Circle Surface Technology GmbH
Berensweg 200 • D-33334 Gütersloh
Phone no.: +49 (0)5241 9443-0
Fax no.: +49 (0)5241 9443-44
Email: service@bio-circle.de
bio-circle.com

You can contact your Bio-Circle team free of charge.