



## DC COOLING BioLife

100% biosourced  
single phase dielectric fluid



**TotalEnergies**

# DC COOLING BioLife

## 100% biosourced dielectric fluid for single phase liquid cooling

With its unique technology, TotalEnergies Fluids has developed a wide range of high purity renewable fluids: the BioLife range.

Our biosourced products are obtained from 100% certified feedstocks and provide sustainable solutions for innovative technologies.

Immersion cooling involves directly immersing electronic components in a dielectric fluid, thereby increasing heat transfer efficiency.

DC COOLING BioLife is a biosourced dielectric range combining high purity and high cooling performance.

Developed in our leading-edge R&D centers, its thermal and oxidation stability will ensure a longer span life of your IT components.



## Sustainability / HSE

- Biosourced dielectric fluid
- ISCC PLUS certified for a full traceability
- From circular economy material origin
- Favorable carbon footprint\*
- Non-toxic, non-irritant
- Readily biodegradable\*\*

\*Life cycle assessment: ISO 14067, peer reviewed, cradle to gate. \*\* OECD 301



## Technical

- Very low viscosity
- Safe flashpoint
- No odor and no color
- Long life stability
- High metal compatibility



	DC COOLING BioLife 4	DC COOLING BioLife 5
Viscosity	4 cst@40°C	
Flaspoint	min. 140°C	min. 150°C
Breakdown voltage	>35 kV	
Electrical conductivity	0 pS/m	
Specific heat	2,3 kJ/(kg,K) @60°C	

# The Special Fluids division of TotalEnergies:

A global network with a local touch



A recognised  
**GLOBAL LEADER**



**HEALTH & SAFETY**  
are the cornerstones  
of our processes



**A WIDE SELECTION  
OF PRODUCTS**  
for various industrial  
applications



**MULTI-SKILLED  
TEAMS** of passionate,  
seasoned specialists



**PLANTS**  
in France and the US  
Leading-edge R&D  
centers in France,  
Belgium and India



**WORLDWIDE  
presence**



**TotalEnergies**

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