

**Caution:**

- ➔ The properties of the water used must not deviate from the hydrological data
- ⇒ Unsuitable water will cause irreparable damage to the cooling system
- ⇒ The manufacturer will not be held liable for damage caused by unsuitable water

Hydrological data

Features	Values
pH value (hydrogen ion concentration)	6.5-8.5
Electrical conductivity	200-1000 $\mu\text{S}/\text{cm}$
Total alkaline earths	0.5-1.42 mmol/l
Water hardness	3-8° dH
Sulfide (S^{2-})	< 0.1 mg/dm ³
Chloride (CL^-)	< 50 mg/dm ³
Sulfate (SO_4^{2-})	< 250 mg/dm ³
Nitrate (NO_3^-)	< 25 mg/dm ³

- Note the local drinking water values
- ➔ Information from local drinking water supply

- Do not use very hard water as coolant
- ➔ Descale the coolant
- Do not use distilled water
- Do not use biologically contaminated water with slime bacteria and algae

