



EV COOLANT

BRAVOIL™

Technical Data Sheet

SUBZERO

ETHYLENE GLYCOL BASED COOLANT FOR EV

PRODUCT DESCRIPTION:

SUBZERO offers exceptional heat dissipation and high-temperature oxidation resistance, making it ideal for the indirect cooling of electric vehicle components such as batteries, electric motors, and inverters—where precise temperature regulation is essential for optimal performance. This EV coolant is a water-based blend of ethylene glycol and specialized inhibitors.

FEATURES & BENEFITS:

- Compatible with the metals and alloys present in cooling circuits: aluminium, copper, cast metals, brass, and the most modern alloys.
- Compatible with joints, seals, and paints.
- Its high thermal resistance enables excellent engine cooling without the fluid boiling, preventing cavitation.
- Through its composition it is also environmentally friendly, as it does not contain nitrates, amines, or phosphates (NAP free).
- Product suitable for direct consumption as it contains treated water that avoids the formation of calcareous deposits and corrosion.
- Specifically designed for electric vehicles, it can also be used in those vehicles that require a quality level of MAN 324 types SNF and NF, as well as VW TL 774F and 774C, as long as it is not mixed with other products.

PERFORMANCE LEVELS: Meets or Exceeds:

- ASTM D 3306
- UNE 26-361-88
- BS 6580:2010
- SAE J 1034 and J 814
- MAN 324 type Si-OAT
- CUMMINS CES 14603
- Volkswagen VW TL 774 G (G12++)
- MB 326.5

TYPICAL PROPERTIES:

PARAMETERS	ASIM	UNIT	SUBZERO
Density at 15°C	ASTM D5931	g/cm3	1.065
Freezing point	ASTM D1177	°C	-37
pH at 20°C	ASTM D1287	-	8.5

DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.