



# THE FUTURE OF COOLANTS

## EV-LC ANTIFREEZE/COOLANT

### LOW CONDUCTIVITY / Meets GB Specification

DOBER EV-LC antifreeze/coolant is an advanced low-conductive, ready-to-use ethylene glycol-based technology specifically engineered for use in any battery electric vehicle application. This technology is formulated with a unique combination of non-conductive organic acid-based corrosion inhibitors to provide long-lasting corrosion, freeze, and anti-boil protection to all cooling system components, including controlled atmosphere-brazed and cast aluminum alloys, while maintaining low electrical conductivity and improved thermal stability essential for the safe operation of today's modern battery electric vehicles (BEV).

### PROPERTIES

| Appearance                                     |                                                                              |       |                   |
|------------------------------------------------|------------------------------------------------------------------------------|-------|-------------------|
| Density at 20°C, g/cm <sup>3</sup>             |                                                                              | 1.074 | ASTM D1122, D5931 |
| Viscosity, mm <sup>2</sup> /s                  | 0°C                                                                          | 7.80  | ASTM D 445        |
|                                                | 40°C                                                                         | 2.2   |                   |
|                                                | 80°C                                                                         | 0.96  |                   |
| Boiling Point 50% Prediluted                   | °C                                                                           | 108.2 | ASTM D 1120       |
| Pour Point                                     | °C                                                                           | -54   | ASTM D 97         |
| Freezing Point 50% Prediluted                  | °C                                                                           | -37   | ASTM D 1177       |
| pH 50% Prediluted                              | 20°C                                                                         | 8.0   | ASTM D 1287       |
| Electrical Conductivity, µS/cm                 | 25°C                                                                         | ≤100  | ASTM D 1125       |
| Freeze and Anti-Boil Protection 50% Prediluted | -37°C to 129°C*<br>*Using a 15 psig (103 kPa) pressure cap in good condition |       |                   |
| Storage                                        | Store unopened, air-tight container at 30°C max for one year                 |       |                   |

