Technical Data Sheet

- Premium Performance
- Designed for Electric Vehicle

Shell **E-Fluids E6 i Plus**

Top Tier Premium Synthetic E-Fluids Designed for Integrated Wet E-Motor Battery Electric Vehicles

Shell E-Fluids E6 i Plus is engineered for integrated wet e-Motor design battery electric vehicles. It has the latest cutting-edge technology to exceed the latest electric vehicle transmission requirements. Specially formulated with synthetic base oils and additive technology unique to Shell and to provide our OEM partners and customers with the solution that exceed the future demand of the electric vehicle transmissions.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent Copper Corrosion Protection**

  Protecting winding in the e-motor and prolong the life of e-motor.

- **Outstanding Electrical Properties**

  Protecting winding in the e-motor and prolong the life of e-motor and to prevent electrical short-cut.

- **Excellent Surface and Bearing Protection Performance**

  Protect the surface of the gearset, bearing, minimize micro-pitting and prolong component life.

- **Outstanding Cooling Properties**

  Dissipate the heat from the e-motor and lowering the operating temperature.

- **Excellent Shear Stability**

  Stay in grade even after shearing. This will help to protect the component because of consistent oil film thickness.

- **Novel Antifoam Technology**

  Outstanding surface properties that help to improve the component protection through reduced cavitation potential.

- **Excellent Thermal and Oxidation Stability**

  Long oil life and demonstration for fill-for-life application.

Main Applications



Top Tier E-Fluids for Integrated Wet E-Motor Battery Electric.

Vehicle

Developed for use in applications calling for integrated wet e-motor transmission equipped in the battery electric vehicle and light commercial battery electric vehicle.

Specifications, Approvals & Recommendations

Suitable for use in the following electric vehicles:

- BMW iX3, iX, i4
- Tesla Model 3
- SAIC MAXUS, MG, IM Motor
- Porsche Taycan
- Ferrari e-axle applications

For a full listing of equipment approvals and recommendations, please consult your local representative.

Typical Physical Characteristics

Properties			Method	Shell E-Fluids E6 i Plus
Density	@15°C	kg/m³	ISO 12185	830
Pour Point		°C	ISO 3016	-63
Flash Point		°C	DIN ISO 2592	228
Kinematic Viscosity	@40°C	mm²/s	DIN 51562-1 or ISO 3104	29.5
Kinematic Viscosity	@100°C	mm²/s	DIN 51562-1 or ISO 3104	6.0

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

  This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com/

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.