



Shell E-Fluids E6 i DHTF

High Performance Transmission Fluid for New Energy Vehicles

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Friction modified**

Provide consistent, reliable, smooth operation of the hybrid and e-motor transmission systems.

- **Outstanding oxidation resistance**

Maintain performance and provide long service life

- **Excellent shear stability**

Provides a consistent lubrication film that is important to minimize the wear during transmission operations

- **Superior anti-wear protection**

Reduces wear and protects bearings & gears

Main Applications



Specifications, Approvals & Recommendations

- Approved for dedicated hybrid transmission and e-motor lubrication / cooling applications.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk

Typical Physical Characteristics

Properties			Method	Shell E-Fluids E6 i DHTF
Density	@15°C	kg/m ³	ASTM D4052	827
Flash Point		°C	ASTM D92	222
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	4.6
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	21.1
Pour Point		°C	ASTM D97	-57
Brookfield Viscosity	@-40°C	mPa s	ASTM D2983	3 812
FZG (A(10)/16.6R/90)		FLS	ASTM D5182	6
TRB 20h Shear Loss	@100°C	%	CEC L-45-A-99	1.45

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 your Shell representative.

- **Protect the Environment**

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

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell Representative