



Shell Spirax S5 DCT 10

High performance Wet Dual Clutch Transmission Fluid

Shell Spirax S5 DCT 10 is the third-generation dual clutch transmission fluid of Shell designed for Geely dual clutch Transmissions.

The fluid combines advanced Shell Gas-to-Liquids base oil technology with excellent wet clutch friction performance, very good shear and oxidation stability as well as advanced gearbox performance under most severe operating conditions.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Friction modified**
Provide consistent, reliable, smooth operation of the dual clutch 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

- Shell DCT 10 has been optimised for application in latest dual clutch transmission hardware

Specifications, Approvals & Recommendations

- Approved for Geely 7DCT Transmissions.
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Spirax S5 DCT 10
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	6.3
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	27.6
Viscosity Index		°C	ASTM D2270	180
Brookfield Viscosity	@-40°C	mPa s	ASTM D2983	5 400
Density	@15°C	kg/m ³	ASTM D1298	828.5
Flash Point		°C	ASTM D92	200
Pour Point		°C	ASTM D97	-51
TRB 20h Shear Loss	@100°C	%	CEC L-45-A-99	10
FZG A/8.3/90		FLS	ASTM D5182	12

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

Shell Spirax S5 DCT 10 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.