



- Premium Performance

Shell Spirax S5 DCT 11

High performance Dual Clutch Transmission Fluid

Shell Spirax S5 DCT 11 is the latest generation dual wet clutch transmission fluid developed by Shell for Great Wall Motor dual clutch Transmissions. Shell Spirax S5 DCT 11 combines advanced additive technology that provides superior shear stability with very good wet clutch friction performance, excellent oxidation stability and 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 bearing & gears

Main Applications



Shell Spirax S5 DCT 11 has been optimised for application in latest dual clutch transmission hardware

Specifications, Approvals & Recommendations

- Approved for Great Wall Motors 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 11
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	4.15
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	18.26
Viscosity Index		°C	ASTM D2270	133
Dynamic Viscosity	@-40°C	mPas	ASTM D2983	6 000
Density	@15°C	kg/m ³	ASTM D4052	822
Flash Point		°C	ASTM D92	210
Pour Point		°C	ASTM D97	-48
KRL 20h shear loss	@100°C	%	CEC L-45-A-99	10
FZG A/8.3/90			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 11 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.

Additional Information

- **Advice**

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