



Technical Data Sheet

- Premium Performance
- Multi-vehicle application

Shell Spirax S5 DCT X

Premium Synthetic Technology Multi-Vehicle Wet Dual Clutch Transmission (DCT) Fluid

Shell Spirax S5 DCT X is a premium performance and synthetic technology DCT fluid, suitable for use in multi-OEM's wet DCT. Spirax S5 DCT X utilizes a unique formulation technology.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Longer oil drain capability**
Excellent thermal and oxidation stability designed with selected additives helps to provide long oil life.
- **Excellent low temperature fluidity**
The advanced formulation helps to lower running temperatures also leads to extended oil drain intervals. It helps to optimize the maintenance scheduling.
- **Smooth speed changing**
Well-balanced friction coefficient helps to improve the smooth driving.
- **Longer component life**
Excellent protection against wear helps to prevent premature failure. It helps to extend equipment and component life.

Main Applications



Multi-vehicle Wet Dual Clutch Transmission Fluid

Developed for use in applications calling for DCT equipped in the passenger car.

Specifications, Approvals & Recommendations

Meets requirements/ suitable for use:

- VW TL 521 82 (VW DQ 200, DQ 250 & DQ 500)
- VW G 052 512 A2, 055 512 A2, TL 525 12 (DQ200 Dry-DCT)
- BMW 83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477, 83 22 2 446 673 and 83 22 2 433 157 (7DCT300 only)
- Getrag 6DCT150 & 7DCT300 Transmission
- MB 239.21, 239.22
- Ford WSS -M2C936-A, WSS -M2C936-AA, WSS -M2C936-BA, WSS -M2C218-A1 (excluding 7HDT300)

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 X
Kinematic Viscosity	@40°C	mm ² /s	ISO 3104	36.48
Kinematic Viscosity	@100°C	mm ² /s	ISO 3104	7.55
Viscosity Index			ISO 2909	182
Density	@15°C	kg/m ³	ISO 12185	848
Flash Point		°C	EN ISO 2592	220
Pour Point		°C	ISO 3016	-45

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

Application Table

Suitable for use in the following applications:

Manufacturer	Fluids Specification/Part No./DCT Model
Audi	VW TL 052 182
Audi	VW TL 052 512
BMW	PN 83 22 2 148 578
BMW	PN 83 22 2 148 579
BMW	PN 83 22 0 440 214
BMW	PN 83 22 2 147 477
BMW	BMW DCTF 1+, PN 83 22 2 446 673
BMW	BMW DCTF 2, PN 83 22 2 433 157 (7DCT300 only)
Citroen	PSA 9734.s2
Ford	M2C936A
Ford	WSS -M2C218-A1, F-DC (excl. 7HDT300)
Ford	WSS -M2C936-AA, WSS -M2C936-BA, BO-DC
Ford	XT-11-QDC
Getrag	DCTF-RFL-3
Getrag	OIL0017
Mercedes Benz	236.24
Mercedes Benz	MB 239.21
Mercedes Benz	MB 239.22
Mitsubishi	SST
Nissan	M2C936A
Peugeot	PSA 9734.s2
Seat	VW TL 052 182
Skoda	VW TL 052 182
Volkswagen	VW G 052 182
Volkswagen	VW G 052 512 A2
Volkswagen	VW G 055 512 A2
Volvo	1161838
Volvo	1161839

Please follow the auto OEM's requirement and owner's handbook.

Health, Safety & Environment

• Health and Safety

Shell Spirax S5 DCT X 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.