



PRODUCT INFORMATION & DATA SHEET

DCT PLUS

First-rate ultra-performance DCT fluid.

An advanced fully synthetic DCT Fluid engineered for most of the European dual-clutch transmission (DCT) wet clutches systems, including DSG of VW Group and ZF PDK. The unrivalled performance aspects of this gear fluid ensure optimum power transmission, volatility control and cooling capacity even at extreme running temperature. The exceptional base stocks and additive combination is able to withstand the highest thermally stable and cooling capacity demands of GETRAG Powershift 7DCL750, which has been largely employed in powerful sporting vehicles.

Performance levels

BMW/Mini DCTF-1/ DCTF-1+/ 6-speed DCT/ GETRAG Drivelogic 7-speed, BORG WARNER, Fiat Chrysler Automobile 9.55550-DA11/ Powershift 6-speed, Ford DCT WSS-M2C936-A, Ferrari GETRAG Powershift 7DCL750, Geely 7-speed DCT, MB 236.21/ 236.25, Mitsubishi DiaQueen SSTF-1/ TC-SST 6-speed, Nissan GFT Powershift 6-speed, PSA 9734.S2, Porsche PDK ZF/ Oil No. 999.917.080.00/ 999.917.080.01, Renault DW-5/ EDC-6/ EDC-7, Volvo 1161838/ 1161839, VW/Audi DSG/ TL 52 182/ TL 52 529/ TL 55 529

Some of the benefits of using this transmission fluid

- A specially engineered fully synthetic formula offering better ageing and heat resistance versus synthetic blend fluids.
- A high and stable viscosity formulation meets fluid requirement aspects of DCTs in Audi, Ferrari, Nissan, Porsche sporting vehicles.
- Contains unique anti-wear and anti-scuff additives to prevent wear and tear on gears and synchronizers to increase operational efficiency and durability.
- Enhanced anti-shudder properties that guarantee maximum clutch friction durability and power transfer allowing smoother engagement.
- Exceptional shearing and thermal-oxidative stability ensure a lasting fluid quality, longer fluid life and help extend gear system life.
- Stay-in-grade viscosity characteristics provide an excellent lubricity at a broad bandwidth of system operating temperatures
- Outstanding seal protection against leakage and capable of preventing oil starvation related components failure.

Areas of application

A high-performance DCT Fluid for the broadest range of wet dual-clutch transmission systems from BORG WARNER, GETRAG, ZF, etc.

This fluid is strictly not to be used in automatic transmission system and continuously variable transmission (CVT) system.

Typical properties

Fluid Colour		Amber
Viscosity Index (VI)	ASTM D2270	176
Viscosity at 100 °C; mm ² /s	ASTM D445	7.5
Viscosity at 40 °C; mm ² /s	ASTM D445	39.7
Density at 15 °C; kg/m ³	ASTM D4052	854.0
Foam Test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	213
Pour Point; °C	ASTM D97	-46

Service recommendation

Observe the vehicle warranty and owner's manual for the requirement of gear fluid. Follow the operating instructions from manufacturer.

Some manufacturers recommended a more frequent change of DCT fluid under extreme driving conditions, such as DCTs in powerful sporting vehicles and those that occur in hot ambient weather and in daily heavy traffic situations.

Drain and replace with new fluid according to the recommendation. Always check on fluid fill level whenever and during regular service interval.

Commercially available product compatibility

DCT PLUS is compatible with any fully synthetic and synthetic DCT fluid meeting any of the manufacturer's specification. However, peak performance is guaranteed only upon using alone without mixing with other fluid.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.