



DUCKHAMS DCT

DUCKHAMS DCT is a premium fully synthetic transmission fluid specially formulated for modern wet dual-clutch transmission (DCT) systems. Its advanced formulation provides excellent friction control, wear protection and thermal stability to support fast, smooth and consistent gear shifting, even under demanding and high-temperature operating conditions.

The fluid delivers reliable lubrication and long-lasting performance for critical transmission components, helping maintain transmission efficiency, clutch durability and overall system reliability throughout its service life.

Meet Performance :

- BMW DCTF-1/ DCTF-1+/ DCTF-2/ 6-speed DCT/ MTF LT-5
- Bugatti Veyron
- BYD DCTs, Q/BYD-A1909.0058-2013
- Castrol BOT 341/ BOT 351 C4/ BOT 450
- Changan DCTF
- Chrysler 68044345 EA & GA/ Powershift 6-speed (Getrag)
- Eaton PS-278
- Ferrari 7-speed (Getrag)/TF DCT-3
- Fiat 9.55550-MZ6
- Ford/Nissan Powershift 6-speed (GFT) / Ford WSS-M2C936A, Ford WSS-M2C200-D2/ XT-11-QDC, Ford WSS-M2C218-A1, Ford F-DC
- Geely 7 speed
- Mitsubishi TC-SST 6-speed (GFT) / MZ320065
- Peugeot/Citroen DCS 6-speed (GFT)/9734.S2
- Porsc 999.917.080.01
- Renault 77 11 785 243 (DW5)
- Renault EDC 6-speed (Getrag)/ EDC-7
- Shell TF DCT-F3
- Volvo Powershift 6-speed (GFT)/1161838/1161839
- VW G 052 536/ G 055 536
- VW Audi G 052 512
- VW (Audi, Seat, Skoda) 6-speed
- VW/Audi TL 52529 (spec) / G 052 529 A2 or A6 (fluid VW/Audi G 055 529)
- VW/Audi TL 521 82 (spec) / G 052 182 A2 or A6 (fluid)
- ZF/Porsche Oil #999.917.080.00

Applications :

- Recommended for a wide range of **wet dual-clutch transmission (DCT) systems** in passenger cars and other vehicles requiring dedicated DCT fluids.
- Suitable for various DCT designs used by major vehicle manufacturers, including BMW, Audi, Volkswagen, Ford, Volvo, Mitsubishi, Renault, Peugeot/Citroën, Ferrari, BYD and others, where the specified fluid requirements are applicable.
- Suitable for transmissions requiring the specifications or fluid types listed in the product's **Suitable for Use** recommendations.
- **Not recommended** for conventional stepped automatic transmissions (AT) or continuously variable transmissions (CVT).

Features and Benefits :

- **Smooth & Responsive Shifting** – Optimized friction characteristics help provide fast, smooth and consistent gear changes while minimizing clutch shudder. Good Oxidation Stability
- **Outstanding Oxidation & Thermal Stability** – Resists fluid degradation under high operating temperatures, helping maintain fluid performance and extend transmission service life.
- **Excellent Clutch Friction Durability** – Helps maintain stable friction performance for reliable power transfer and consistent clutch operation.
- **Reliable Seal Compatibility** – Supports seal performance to help minimize fluid leakage and reduce the risk of lubrication-related component damage.
- **Rust & Corrosion Protection** – Helps protect transmission components against rust and corrosion for improved system durability.
- **High Viscosity Stability** – Maintains effective lubrication across a wide temperature range, supporting reliable performance during cold start-up and high-temperature operation.



PRODUCT DATA SHEET

Rev. 00/Effective Date: Jul 01, 2026

Typical Properties :

Properties	Unit	Test Method	Typical value
Appearance	-	Visual	Bright & Clear
ASTM Color	-	ASTM D1500	L 3.5
Density @15°C, g/cm ³	g/cm3	ASTM D4052	0.8474
Density @30°C, g/cm ³	g/cm3	ASTM D4052	0.8379
Kinematic Viscosity @40°C, cSt.	mm2/s	ASTM D445	34.36
Kinematic Viscosity @100°C, cSt.	mm2/s	ASTM D445	6.930
Viscosity Index	-	ASTM D2270	166
Total Base Number	mgKOH/g	ASTM D2896	2.4
Flash Point by COC, °C	deg °C	ASTM D92	218
Pour Point, °C	deg °C	ASTM D5950	-51
Foaming: Seq. I,II, III (Tendency/Stability)	ml/ml	ASTM D892	10/0, 20/0, 0/0
Brookfield @-40°C	mPa.s	ASTM D 2983	14,196

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Duckhams or others is not to be inferred from any statement contained herein.

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