

Lubricants – Transmission Oils – Automotive

Version: 087/01

Valvoline™ Hybrid DCT fluid

Full synthetic hybrid DCT transmission fluid suitable for Volkswagen, Audi, Skoda, Seat and many other passenger cars and vans fitted with a Dual Clutch Transmission. Can also be used in non-hybrid vehicles.

Valvoline hybrid DCT fluid provides maximum protection and lubrication of the Dual Clutch Transmission gearbox over a wide temperature range. This product has been specially designed for use in hybrid vehicles fitted with a double clutch automatic transmission. This product has been formulated from carefully selected additives and antioxidants to ensure increased oxidation resistance and enhanced protection for harsh hybrid cycles. It is also suitable for conventional vehicles fitted with DCT transmissions (please see the specification list below for more applications)

Performance levels 1/2	Performance levels 2/2
BMW: 6-speed DCT, DCTF-1+, MTF LT-5, Drivelogic 7-speed/ DCTF-1	Peugeot/Citroen DCS 6-speed (GFT)/9734.S2
Borg Warner	Renault EDC 6-speed, EDC-7 speed, Talisman R7D
Bugatti Veyron	Volvo Powershift 6-speed (GFT)/1161838/1161839
BOT 341, 450	VW (Audi, Seat, Skoda) 6-speed
Chrysler: 68044345 EA & GA, Powershift 6-speed	VW G 055 536
Ferrari 7-speed /TE DCT-3	VW/Audi G 055 529
Ford/Nissan Powershift 6-speed (GFT) / Ford WSS-M2C936A, part # 1490763/1490761	VW/Audi TL 521 82/ G 052 182 A2 or A6
Mitsubishi TC-SST 6-speed (GFT) / MZ320065 DiaQueen SSTF-1	VW/Audi TL 52529/ G 052 529 A2 or A6/ DSG7/ S-Tronic 7/ 7 speed VW (Audi, Seat, Skoda)
PDK transmission oil for ZF (DCT Transmission Oil for ZF)	ZF/Porsche Oil #999.917.080.00

Features & Benefits

Maximum protection

Protects gears and maintains the efficiency of hybrid automatic transmissions

Conductivity

Enhanced thermal conductivity (fluid cooling ability) to protect the drivetrain against the additional heat that is typically seen with hybrid vehicles.

Oxidation

Enhanced oxidation resistance and oil film stability at high temperatures

Smooth shifting

Maintains automatic transmission response and smooth shift feel

Applications

Especially for DSG gearboxes of passenger cars and vans with the Volkswagen DSG transmission.

Suitable for certain models of Audi, Skoda, Seat, Lamborghini, and Nissan with VW DSG transmission.

DSG transmissions and transaxles type 02E (DQ 250), and OBT (DQ 500), and DL501 with wet clutches.
Getrag Powershift 7DCL750

The product is not meant for **dry** clutch DCT type: OAM, 02M, 02Q, 02S.
type: Fiat C635, Renault EDC, VW DSG DQ 200

Do not mix with other transmission and gear oils.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Hybrid DCT fluid	
Viscosity, mm²/s @ 100 °C. ASTM D-445	6,9
Viscosity, mm²/s @ 40 °C. ASTM D-445	32,7
Viscosity Index ASTM D-2270	176
Viscosity, mPa.s -40°C. ASTM D-5293	10116
Pour Point, °C ASTM D-5950	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0,847
Flash Point, COC, °C. ASTM D-92	196

**This information only applies to products manufactured in the following location(s):
Europe**

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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