

# UNITED DCTF

## Product Description

**Fully Synthetic Dual Clutch Transmission fluid (DCTF) designed for Hybrid DCTs in addition to conventional wet DCTs. The upgraded formulation encompasses specially selected high viscosity index synthetic base stocks and latest additives which enhances the heat transfer properties, material compatibility and electrical properties that the Hybrid DCT requires. This product ensures flawless e-motor compatibility and DCTF performance.**

**This is on top of the excellent transmission durability, oxidation stability, friction durability for extended shudder free operation, pump efficiency, material and copper compatibility already being offered in the original formulation. This makes it to be the optimum choice for most modern new model conventional and Hybrid vehicles.**

This product is suitable for use in VW, Seat and Skoda 6-speed wet Dual Clutch Transmissions (2003 to present), Ford, Volvo, Mitsubishi, PSA and Chrysler 6-speed wet Dual Clutch Transmissions (2007 to present) and 7-speed wet Dual Clutch Transmissions from VW, Magna, Geely and Great Wall.

## Applications / Benefits

- \* Provides excellent oxidation and thermal stability for longer life
- \* Superior wear protection to protect critical transmission components
- \* Excellent viscosity stability (high VI)
- \* Much enhanced fluidity at very low temperature service
- \* Applicable to various Chinese brand cars

## Typical Characteristics

Test Description	Method	Unit	
Density @ 15 °C	ASTM D 4052	kg/L	0.845
Flash Point	ASTM D 92	°C	198
Pour Point	ASTM D 97	°C	-45
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	32.9
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	7.2
Viscosity Index	ASTM D 2270	-	190
Brookfield Viscosity @ -40°C	ASTM D2983	mPa.s	8572

### Suggested for the Following Uses

Vehicle Brand	Specification	DCT Brand	DCT Model
Audi/VW	G 052 182 A2 (VW TL-52182) G 052 171 A2 (VW TL-52171) G 052 512 A2 (VW TL-52512) G 055 512 A2 (VW TL-52512) G 055 529 A2 (VW TL-52529C)	Audi/VW	DQ250 (02E / 0D9) DQ500 (0BH / 0BT) DQ400e (0DD) DQ200 (0AM) DQ200 (0CW) DQ200 (0CW) DQ381 (0GC)
BMW	Getrag PWA05043 BMW 83 22 2 148 578 (DCTF 1) (EU 1L) BMW 83 22 2 148 579 (DCTF 1) (EU 20L) BMW 83 22 0 440 214 (DCTF 1) (US 1L) BMW 83 22 2 147 477 (DCTF 1) (US 20L) BMW 83 22 2 446 673 (DCTF 1+) BMW 83 22 2 433 157 (DCTF 2)	Getrag	7DCI600 (436) 7DCI700 (436+) 7DCT300 7HDT400
Mercedes-Benz	MB 239.21 MB 239.22	Getrag	7DCT300
Chery	DCTF 7S	Getrag	7DCT300 (730DHB)
SAIC-GM / Stellantis / Dongfeng / Renault-Nissan Mitsubishi	Getrag DCTF-RFL-3	Getrag	6DCT150 6DCT200 6DCT260 7DCT300 7HDT300
Great Wall Motors	DCT 11	Great Wall Motors	7DCT450 7DCT300 7DCT450 G2
Geely	DCT 10	Geely	7DCT330F 7DCT390H
Mercedes-Benz	MB 236.21 MB A001989850313 (1L) MB A001989850314 (5L)	Daimler	K7A350/KA7X35 (7G-DCT) K7A240 (7G-DCT)
Infiniti	Nissan/Infiniti KLE26-00003P		



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Dongfeng / SAIC-GM / Stellantis / Renault-Nissan Mitsubishi	Getrag OIL0017	Getrag	6DCT150 6DCT200 6DCT260 7DCT300 7HDT300 6DCT150 6DCT200 6DCT260 7DCT300 7HDT300
Renault	Renault 7711945827 Renault 7711579456		7DCT300 (Renault DW5) 6DCT450 (Renault DW6)
Chrysler	Chrysler 68044345EA		6DCT450
Ford	Ford 6U7J-M2C936-AA (1L) Ford 1490763 Ford BO-DC Ford 6U7J-M2C936-BA (5L) Ford 1490761 Ford BO-DC Ford XT-11-QDC Ford BO-DC Ford WSS-M2C218-A1 (Ford F-DC)		6DCT450 (Ford MPS6) 6DCT451 (Ford MPS6i) 6DCT470 (Ford SPS6, Mitsubishi SST)
Ford / Nissan	Ford WSS-M2C936-A Ford BO-DC		
Volvo	Volvo 1161838 (1L) Volvo 1161839 (4L)		6DCT450 (Ford MPS6) 6DCT451 (Ford MPS6i)
Mitsubishi	Mitsubishi MZ320065		6DCT470 (Ford SPS6, Mitsubishi SST)
Peugeot / Citroen	PSA 9734.S2		
Chery (Chery and Omoda)	Chery 9009011085 (DCTF-7S)		7DCT300 (730 DHB / 738 DHC)
Chery (Jetour)	Chery 9009011085		6DCT260