



# MULTI DCTF

**Dual Clutch Transmission (DCT) fluid  
Dry DCT and Wet DCT**

**Technosynthese®**

## TYPE OF USE

High performance Technosynthese® lubricant specially engineered for Dual Clutch Transmission (DCT) gearbox type.

Suitable for use in a wide range of vehicles fitted with DCT gearboxes featuring Double-Dry Clutch Transmission and Double-Wet Clutch Transmission design.

Especially suitable for Dual Clutch Transmission (DCT) supplied by ZF, GETRAG or BORG WARNER and used by the main car manufacturers: VW-AUDI-SEAT-SKODA (DSG or S-tronic), BMW (DKG), PORSCHE (PDK), FORD (Powershift), OPEL (DSG), PSA Peugeot-Citroën (DCS) , RENAULT (EDC, DC4), NISSAN (GR6), ....

MOTUL MULTI DCTF is also suitable for some mechanical gearboxes requiring gear oil with very low viscosity grade such as **SAE 75W**.

Before use always refer to the owner manual or handbook of the vehicle.

## PERFORMANCES

STANDARDS

**API GL-4**

PERFORMANCES

**Refer to chart.**

MOTUL MULTI DCTF is a high performance Technosynthese® lubricant suitable for a wide range of DCT-equipped passenger cars, including Dry DCT and Wet DCT design.

Thanks to its exclusive and dedicated formula, MULTI DCTF :

- Allows fuel economy for cars fitted with DCT transmissions by optimizing friction.
- Provides anti-shudder performance to avoid vibrations on engine fly wheel.
- Protects numerous gears, compact and heavily loaded.
- Gives superior transmission response: smooth shift feeling and no torque interruption between shifts.
- Improves DCT transmissions response at cold temperature.
- Extends life time duration, better shear stability at hot temperature and oxidation resistance.
- Anti-wear, anti-corrosion, anti-foam.

Before use always refer to the owner manual or handbook of the vehicle.

## RECOMMENDATIONS

Can be mixed only with similar lubricants.

Oil change : according to manufacturer's recommendations and adapt according to your own use.

Before use always refer to the owner manual or handbook of the vehicle.

## PROPERTIES

Color	Visual	Amber
Density at 20°C (68°F)	ASTM1298	0.845
Viscosity at 40°C (104°F)	ASTM D445	33.8 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	7.3 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	189
Flash Point	ASTM D92	196°C / 385°F
Pour Point	ASTM D97	-45°C / -49°F

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OEM Group	Specification
<b>Audi (VAG)</b>	G 052 178 , G 052 182 , TL 52 182 , G 052 512 , G 052 513 , G 052 529 , G 052 726 , G 052 798 , G 052 171 , G 055 532
<b>BMW</b>	BMW DCTF-1 , Part Number 83 220 440 214 BMW MTF-LT-5 , Part Number 83 22 2167 666
<b>Citroën</b>	PSA Part Number 9734 S2
<b>Ferrari</b>	TF DCT-F3
<b>Fiat</b>	9.55550-MZ-6, Tutela Transmission Gearforce
<b>Ford</b>	WSS-M2C-936-A, WSS-M2C-200-D2
<b>Mercedes Benz</b>	MB 236.25
<b>Mitsubishi</b>	Diamond Queen SSTF-1
<b>Nissan</b>	Nissan Genuine Transmission Oil R35 Special
<b>Peugeot</b>	PSA Part Number 9734 S2
<b>Porsche</b>	Part Number 043 207 29 , 043 207 30 , 000 043 20 , Part Number 999 917 546 00 , Porsche TF 0870
<b>Renault</b>	BOT 450
<b>Seat (VAG)</b>	G 052 178 , G 052 182 , TL 52 182 , G 052 512 , G 052 513 , G 052 529 , G 052 726 , G 052 798 , G 052 171 , G 055 532
<b>Skoda (VAG)</b>	G 052 178 , G 052 182 , TL 52 182 , G 052 512 , G 052 513 , G 052 529 , G 052 726 , G 052 798 , G 052 171 , G 055 532
<b>Volvo</b>	BOT 341, #1161838
<b>VW (VAG)</b>	G 052 178 , G 052 182 , TL 52 182 , G 052 512 , G 052 513 , G 052 529 , G 052 726 , G 052 798 , G 052 171 , G 055 532
Standards	Specification
<b>API</b>	GL-4
<b>ZF</b>	TE ML-11
Mixable with	Specification
<b>Castrol</b>	BOT 341 , BOT 450 , Transmax Dual
<b>Pentosin</b>	FFL-2 , FFL-3 , FFL-4
<b>Petronas</b>	TUTELA TRANSMISSION GEARFORCE
<b>Shell</b>	TF DCT-F3 , TF 0870
<b>ZF</b>	TE ML-11

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

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