



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 at low temperature 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 ² /s |
| Viscosity at 100°C (212°F) | ASTM D445 | 7.3 mm ² /s |
| Viscosity Index | ASTM D2270 | 189 |
| Flash Point | ASTM D92 | 196°C / 385°F |
| Pour Point | ASTM D97 | -45°C / -49°F |

MULTI DCTF

| OEM Group | Specification |
|----------------------|---|
| Audi (VAG) | S-tronic, 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 , G 055 529 |
| BMW | BMW DCTF-1 , Part Number 83 220 440 214 , BMW MTF-LT-5 , Part Number 83 22 2167 666 BMW DTF 1 , Part Number 83 22 2 409 710 , BMW MTF-LT-3 , Part Number 83 22 0 397 244 , Part Number 83 22 0 306 816, |
| Citroën | PSA Part Number 9734 S2 , JWS 2271 , 9730 A8 |
| Ferrari | TF DCT-F3 |
| Fiat | 9.55550-MZ-6, Tutela Transmission Gearforce, 9.55550-DA11 |
| Lexus | LF , Toyota LV 75W MT , JWS 2271 , 0888581001 |
| Ford | WSS-M2C-936-A, WSS-M2C-200-D2 |
| Mercedes Benz | MB 236.25, SLS A 001 989 86 03 |
| Mitsubishi | Diamond Queen SSTF-1 |
| Nissan | Nissan Genuine Transmission Oil R35 Special |
| Peugeot | PSA Part Number 9734 S2 , JWS 2271 , 9730 A8 |
| Porsche | Part Number 043 207 29 , 043 207 30 , 000 043 20 , Part Number 999 917 546 00 , Porsche TF 0870 |
| Renault | BOT 450 |
| Seat (VAG) | 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 , G 055 529 |
| Skoda (VAG) | 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 , G 055 529 |
| Toyota | LF , Toyota LV 75W MT , JWS 2271 , 0888581001 |
| Volvo | BOT 341, #1161838 |
| VW (VAG) | 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 , G 055 529 |
| Standards | Specification |
| API | GL-4 |
| Mixable with | Specification |
| Castrol | BOT 341 , BOT 450 , Transmax Dual |
| Pentosin | FFL-2 , FFL-3 , FFL-4 |
| Petronas | TUTELA TRANSMISSION GEARFORCE |
| Shell | TF DCT-F3 , TF 0870 |