



TRIAX DSG-DCT ATF

Full-Synthetic Multi-Vehicle Dual-Clutch Transmission Fluid — Wet & Dry Clutch
DSG, DCT, S tronic, PDK, PowerShift, EDC & TC-SST Gearboxes

Rev: Sep 7, 2026

DESCRIPTION

TRIAX DSG-DCT ATF is a full-synthetic, ultra-high-performance dual-clutch transmission fluid built to service the widest possible range of wet- and dry-clutch DSG, DCT, S tronic, PDK, PowerShift, EDC, and TC-SST gearboxes from a single container. Covering more than a dozen global OEM platforms — VW/Audi, BMW, Mercedes-Benz, Porsche, Ferrari, Ford, Volvo, Renault, PSA, Hyundai/Kia, Mitsubishi, and Chrysler/Stellantis — it delivers precise clutch friction control, crisp and repeatable shift feel, and complete protection for gears, synchronizers, clutch packs, bearings, and seals. The shear-stable formulation holds its viscosity under sustained high-torque, high-RPM dual-clutch duty, while yellow-metal passivators and seal-conditioning agents keep brass components and elastomers protected across the entire drain interval.

PERFORMANCE HIGHLIGHTS

- **SURE SHIFT™ Technology** — proprietary ATF friction-optimization additive system delivers smooth, consistent shift quality, precise clutch slip control, and elimination of clutch sticking across the full service life
- **Extreme shear resistance** — maintains viscosity grade under sustained high-load, high-RPM dual-clutch operation, with no shift quality degradation over the drain interval
- **Superior wear protection** for gears, synchronizers, clutch plates, bearings, and thrust washers under high-torque dual-clutch loading
- **Excellent yellow-metal protection** — safe for synchronizer rings, brass bushings, and copper-alloy components; no staining or corrosion
- **Complete elastomer and seal compatibility** — prevents seal hardening, swelling, or shrinkage; protects gaskets, o-rings, and shaft seals
- **Superior oxidation stability** — resists varnish, sludge, and acid formation in the high-temperature operating environment of modern high-torque DCT/DSG transmissions
- **Wet- and dry-clutch coverage** — one fill serves wet-clutch DSG, DCT, and PowerShift units as well as dry-clutch DQ200-type gearboxes across Getrag, Magna, GFT, BorgWarner, and ZF hardware, consolidating multiple OEM part numbers into a single inventory item

FOR DUAL-CLUTCH TRANSMISSIONS ONLY. Do not use in conventional planetary automatic transmissions, CVTs, or manual gearboxes. On dry-clutch units, this is the gearbox fill — the mechatronic hydraulic circuit takes a separate OEM-specified fluid. Always consult the vehicle owner's manual.

SPECIFICATIONS & APPLICATIONS

Meets or exceeds the following OEM specifications:

- **VW / Audi / Seat / Skoda** — TL 52182 (G 052 182 A2/A6); TL 52529 & TL 52529-C (G 052 529 A2/A6, G 055 529); G 052 536, G 055 536; G 052 512 — 6- and 7-Speed DSG and S tronic, wet and dry clutch
- **BMW** — DCTF-1 (83 220 440 214), DCTF-1+, DCTF-2, MTF-LT-5 (83 22 2167 666); P/N 83 22 2147 477, 83 22 2148 578, 83 22 2148 579, 83 22 2433 157, 83 22 2446 673 — BMW 6-Speed DCT
- **Mercedes-Benz** — MB 236.21, 236.22, 236.24, 236.25, 239.21, 239.22; DTFR 13C130
- **Porsche** — 043 207 29, 043 207 30, 000 043 20, 000 043 305 13, 999 917 080 01, 000 043 210 44, 000 043 306 34, 971 094 307 02A (PDK)
- **ZF** — TE-ML 11 (ZF004743); ZF / Porsche 999.917.080.00; ZF DCT transmission oil
- **Ford / Nissan** — WSS-M2C200-D2 / XT-11-QDC; WSS-M2C936-A (P/N 1490763 / 1490761); WSS-M2C218-1A and -F-DC (P/N KU7J M2C218AA); PowerShift 6-Speed (GFT)
- **Volvo** — Dual Clutch Oil D1 / D2; PowerShift 6-Speed (GFT) 1161838 / 1161839
- **Renault** — 77 11 785 243 (DW5), DW6; EDC 6-Speed (Getrag), EDC 7; BOT 450
- **Chrysler / Stellantis & Fiat** — PowerShift 6-Speed (Getrag) 68044345 EA & GA; Fiat 9.55550-HE2, 9.55550-MZ6
- **Peugeot / Citroën (PSA)** — 6DCT451 and DCS 6-Speed (PSA 9734.S2)
- **Hyundai / Kia** — 04300-2N100; 04300-2N110 (WDHO-1)
- **Mitsubishi** — TC-SST 6-Speed (GFT); MZ320065 DiaQueen SSTF-1
- **Ferrari** — 7-Speed (Getrag); TF DCT-F3
- **Getrag / Magna / BorgWarner / Eaton** — Magna-Getrag DCTs; BorgWarner DCTs; Eaton PS-278
- **BYD / Chery / Changan / Geely / Great Wall** — BYD Q/Byd-A1909.0058-2013; Changan DCTF; Chery DCT; Geely 7-Speed; Great Wall DCT
- **Service-fill cross-reference** — Castrol BOT 341, Castrol BOT 351 C4, Castrol BOT 450; Shell TF DCT-F3

TYPICAL PROPERTIES

Parameter	TRIAX DSG-DCT ATF	Test Method
Viscosity, Kinematic @ 40 °C, cSt	33.6	ASTM D445
Viscosity, Kinematic @ 100 °C, cSt	7.03	ASTM D445
Viscosity Index	181	ASTM D2270
Flash Point, °C (°F)	221 (430)	ASTM D92
Pour Point, °C (°F)	-51 (-60)	ASTM D97

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.