



## AVEX DCT

### DUAL CLUTCH TRANSMISSION FLUID

#### PRODUCT DESCRIPTION:

AVEX DCT is a fully synthetic transmission fluid specifically formulated for passenger cars and vans equipped with Dual Clutch Transmissions (DCT). This multi-vehicle fluid utilizes advanced synthetic technology to deliver optimal component protection and precise friction control, ensuring smooth operation, enhanced efficiency, and extended transmission life in dual-clutch systems.

#### APPLICATION:

- Suitable for use in a wide range of vehicles fitted with DCT gearboxes featuring Double 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, BMW, PORSCHE, FORD, OPEL, PSA Peugeot-Citroën, RENAULT and NISSAN.
- Also suitable for some mechanical gearboxes requiring gear oil with very low viscosity grade such as SAE 75W.

#### FEATURES & BENEFITS:

- Optimum stability to aging
- Excellent wear resistance
- Outstanding resistance to oxidation
- Very good low-temperature properties
- Excellent shear stability
- Excellent viscosity/temperature properties

#### TYPICAL PROPERTIES:

| PARAMETERS                         | TEST METHOD | UNIT  | AVEX DCT |
|------------------------------------|-------------|-------|----------|
| Kinematic Viscosity @ 104°F /40°C  | ASTM D7042  | cSt   | TBR      |
| Kinematic Viscosity @ 212°F /100°C | ASTM D7042  | cSt   | 7.2      |
| Viscosity Index                    | ASTM D2270  | -     | 140      |
| Density at 15 °C                   | ASTM D4052  | kg/m³ | TBR      |
| Flash Point COC                    | ASTM D92    | °C    | 200      |
| Pour Point (max)                   | ASTM D97    | °C    | -42      |

#### PERFORMANCE LEVELS: Meets or Exceeds:

|                   |                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AUDI              | G 009 317, G 052 171, G 052 178, G 052 182, G 052 512, G 052 527, G 052 529, G 052 726, G 052 798, G 055 529, G 070 726, S-tronic, TL 52 182                                    |
| BMW               | 83 22 0 306 816, 83 22 0 397 244, 83 22 0 440 214, 83 22 2 147 477, 83 22 2 148 578, 83 22 2 148 579, 83 22 2 167 666, 83 22 2 409 710, DCTF-1, DKG, DTF 1, MTF- LT-3, MTF-LT-5 |
| CITROËN           | 1618078480, 9730 A8, 9734 S2, DCS, JWS 2271                                                                                                                                     |
| DS (CAPSA)        | 1618078480, 9730 A8, 9734 S2, DCS, JWS 2271                                                                                                                                     |
| FIAT              | 9.55550-DA11, 9.55550-MZ2, 9.55550-MZ6, Tutela Transmission Gearforce                                                                                                           |
| FORD              | 1 490 761, 1 490 763, POWERSHIFT, WSS-M2C200-D2, WSS-M2C200-D3, WSS-M2C200-E1, WSS-M2C936-A                                                                                     |
| HONDA             | MTF-III                                                                                                                                                                         |
| JAGUAR LAND ROVER | PENTOSIN FFL-3                                                                                                                                                                  |
| LEXUS             | JWS 2271, LF, LV 75W MT                                                                                                                                                         |
| MERCEDES-BENZ     | MB 236.24, SLS A 001 989 86 03                                                                                                                                                  |
| MITSUBISHI        | Diamond Queen SSTF-1                                                                                                                                                            |



|         |                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| NISSAN  | DCT Fluid, GR6, LV MT-1                                                                                                                 |
| PEUGEOT | 1618078480, 9730 A8, 9734 S2, JWS 2271                                                                                                  |
| PORSCHE | PENTOSIN FFL-3, 000 043 20, 000 043 305 63, 043 207 29, 043 207 30, 999 917 080 00, 999 917 546 00, PDK, TF 0870                        |
| RENAULT | BOT 450, DC4, EDC                                                                                                                       |
| SEAT    | G 009 317, G 052 171, G 052 178, G 052 182, G 052 512, G 052 527, G 052 529, G 052 726, G 052 798, G 055 529, G 070 726, TL 52 182      |
| SKODA   | G 009 317, G 052 171, G 052 178, G 052 182, G 052 512, G 052 527, G 052 529, G 052 726, G 052 798, G 055 529, G 070 726, TL 52 182      |
| SUZUKI  | 99000-22B27-036                                                                                                                         |
| TOYOTA  | JWS 2271, LF, LV 75W MT                                                                                                                 |
| VOLVO   | 1161520-7, 1161838, BOT 341                                                                                                             |
| VW      | DSG, G 009 317, G 052 171, G 052 178, G 052 182, G 052 512, G 052 527, G 052 529, G 052 726, G 052 798, G 055 529, G 070 726, TL 52 182 |

**DISCLAIMER:** The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

#### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: [www.alphaoil.ae](http://www.alphaoil.ae)

#### HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. [www.alphaoil.ae](http://www.alphaoil.ae)

#### PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

#### STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.