



# RAVENOL DCT-LV Fluid

**Kategorie:** Gear oil for automatic transmissions

**Artikelnummer:** 1212107

**Oil type:** Full synthetic

**Recommendation:** BMW 83222433157, BMW DCTF-2, BOT 351 C4, Chery 730DHB/DHC 7DCT300, Chery 738DHA 7DCT380, Chery 9009011085, Ford F-DC, Ford WSS-M2C218-A1, Great Wall GW7DCT1, Great Wall GWM 7DCT450, Hyundai/Kia 04300-2N110 WDHO-1, Kunlun DCTF-7S, MB 236.22, MB 239.21, MB 239.22, Pentosin FFL-7A, Renault 7711785243, Renault DW5, Sinopec DCTF-GS, VW G 055 529, VW G 055 529 A2, VW TL 52529-C

**Application:** Passenger car



**1L | 1212107-001**

**4L | 1212107-004**

**10L | 1212107-010**

**20L | 1212107-020**

**20L | 1212107-B20**

**60L | 1212107-060**

**60L | 1212107-D60**

**208L | 1212107-208**

**208L | 1212107-D28**

**1000L | 1212107-700**

**RAVENOL DCT-LV Fluid** is a modern PAO (polyalphaolefin) based, full synthetic DCT (dual clutch transmission) oil, with a special additivation and inhibition, which ensure a proper function of the dual clutch transmission.

**RAVENOL DCT-LV Fluid** was developed for the use of the third generation in the 7-speed dual clutch transmission by Magna GETRAG especially for the Daimler specification MB 239.21.

**RAVENOL DCT-LV Fluid** guarantees an optimum of power transmission and excellent clutch performance under extreme loads in midsummer as well as at low temperatures in winter.

## Application Note

**RAVENOL DCT-LV Fluid** was specially developed for dual-clutch transmissions from various car manufacturers such as BMW, Ford, Mercedes, VW/Audi.

**RAVENOL DCT-LV Fluid** is used to lubricate clutches in 7-speed Magna GETRAG dual-clutch transmissions (7DCT300/ 6DCT200/ 6DCT150). It can be used in direct shift transmissions with wet or dry clutches.

## Characteristics

- Very good lubricating ability even at low temperatures
- A high, stable viscosity index
- Protection against wear, corrosion and foam formation
- Excellent viscosity-temperature behavior
- High thermal and oxidative stability
- Neutral behavior towards sealing materials
- Stable lubricating film under extreme loads in summer

## Technical Product Data

| PROPERTY                       | UNIT               | DATA  | AUDIT        |
|--------------------------------|--------------------|-------|--------------|
| Density at 20 °C               | kg/m <sup>3</sup>  | 832   | EN ISO 12185 |
| Colour                         |                    | gelb  | VISUELL      |
| Viscosity at 100 °C            | mm <sup>2</sup> /s | 5,55  | DIN 51562-1  |
| Viscosity at 40 °C             | mm <sup>2</sup> /s | 23,77 | DIN 51562-1  |
| Viscosity Index VI             |                    | 187   | DIN ISO 2909 |
| Brookfield Viscosity at -40 °C | mPa*s              | 3100  | ASTM D2983   |
| Brookfield Viscosity at -55 °C | mPa*s              | 17200 | ASTM D2983   |
| Pourpoint                      | °C                 | -75   | DIN ISO 3016 |
| Copper Strip Test at 121 °C    |                    | 1b    | ASTM D130    |

All indicated data are approximate values and are subject to the commercial fluctuations.

RAVENOL special transmission fluids are special developments for special gears and cannot be selected on the basis of technical parameters (viscosity, etc.). Therefore the decision was made not to give technical data. Please note: RAVENOL special transmission fluid is exclusively to apply under the original number, as indicated in the product information. If you are unsure about the right transmission fluid, ask your workshop or dealership for advice on the transmission type and OEM original number or ask our experts, making sure to state the VIN code (vehicle identification number) of your vehicle. Misapplication of RAVENOL special transmission fluid can lead to malfunction of the transmission shifting problems, increased fuel consumption, unwanted slip behavior, etc. and cause the failure of the transmission. Ravensberger Schmierstoffvertrieb GmbH is not liable for transmission failures in case of wrong selection of RAVENOL special transmission fluid.