



## MANNOL DCT Fluid 8202

A special synthetic gear oil (containing PAO) for DCT – dual clutch transmission/DSG – Direct Shift Gearbox or “robots”. It is not recommended for gearboxes with a “dry” clutch. It ensures a flawless operation of a gearbox, guarantees minimal wear, a lasting service life and fuel economy.

Product properties:

- The unique low-viscosity PAO base of the highest quality in combination with a multifunctional additive package preserves all its properties in a wide range of temperatures: it ensures good lubricating properties at low (-45 °C and less) temperatures in winter and ensures a stable oil film under extreme loads and high temperatures in summer;
- The high-technology combination of additives ensures good antifriction properties for gear couplings and superior friction properties for friction elements thus ensuring a significant fuel economy, a continuous and smooth transmission shift and the increase in the service life of all transmission elements (friction clutches, hydraulic servo drives, synchronizers, gear pairs);
- It has an increased thermal-oxidative stability and an excellent resistance to the high-temperature thermal degradation that allow increasing the time between oil changes and reducing equipment maintenance costs;
- It protects metal parts from ferrous and non-ferrous alloys from corrosion when both in and not in operation;
- It effectively resists aeration and foam formation;
- It provides an excellent compatibility with sealing materials, prevents them from swelling, hardening and shrinking thus reducing the costs for spare parts and preventing leakages;
- It reduces noise.

It is recommended for transmissions of VW/AUDI, BMW, FORD, PEUGEOT/CITROEN, VOLVO, CHRYSLER, DODGE, MITSUBISHI passenger cars and ZF gearboxes, as well as transmissions of commercial vehicles that require a special oil with indicated specifications.

Colour: yellow-brown.

Comply with the manufacturer's instructions provided in the user's manual!

## Specifications

### Approval

### Recommendation

VOLKSWAGEN G 052 182  
VOLKSWAGEN G 052 529  
VOLKSWAGEN 6-speed  
BMW 83 22 2 148 578  
BMW 83 22 2 148 579  
BMW 83 22 0 440 214  
BMW 83 22 2 147 477  
BMW Drivelogic 7-speed (Getrag)  
BMW DCTF-1/ DCTF-1+  
BMW 6-speed DCT  
BMW MTF-LT-5  
FORD WSS-M2C936-A  
NISSAN WSS-M2C936-A  
CHRYSLER 68044345 EA&GA  
CHRYSLER Powershift 6-speed (Getrag)  
MB 236.21  
MB 001 989 85 03  
MITSUBISHI MZ320065  
MITSUBISHI TC-SST 6-speed (GFT)  
PORSCHE 999.917.080.00  
RENAULT EDC 6-speed (Getrag)  
RENAULT EDC-7  
RENAULT Talisman R7D  
PSA 9734.S2  
PEUGEOT DCS 6-speed (GFT)  
VOLVO 1161838  
VOLVO 1161839  
FERRARI 7-speed (Getrag)  
FERRARI TF DCT-3  
PENTOSIN FFL-8  
CITROEN 341  
CITROEN 450  
Others SHELL TF DCT-F3  
BORG\_WARNER  
BUGATTI\_VEYRON

## PACKAGING

MN8202-1		
MN8202-IBC		
MN8202-DR		
MN8202-60		
MN8202-20		