



## MANNOL ATF AG52 8211

A special all-season synthetic transmission fluid (ATF) for modern 4-5-speed automatic transmission gearboxes of the ZF Group. It is not suitable for 6-speed automatic transmissions. It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of transmissions and fuel economy even under maximum loads. It was developed taking into account special requirements of the group VW G 052 162.

Product properties:

- The high-quality low-viscosity synthetic base with a high viscosity index 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) temperatures in winter and ensures a stable oil film under maximum loads and at high temperatures in summer;
- The high-technology combination of additives ensures good antifriction properties for gear couplings and excellent friction properties for friction elements thus ensuring a significant fuel economy, a continuous and smooth transmission shift and the extended service life of all transmission elements. It ensures a coordinated and smooth operation of clutches. It prevents scuffing;
- It has a high thermal-oxidative and chemical stability and resistance to the high-temperature thermal degradation throughout the entire service life. It allows reducing lacquering, formation of sludge, soot and other carbon deposits, increasing the time between oil changes and ensuring the durability of transmission components thus reducing the equipment maintenance costs;
- Due to the addition of special inhibitors, it protects metal parts from ferrous and non-ferrous alloys from corrosion when both in and not in operation;
- It resists aeration and foam formation, as well as cavitation, has excellent cooling properties;
- It ensures a compatibility with all sealing materials, prevents them from swelling, hardening and shrinking that allows reducing the costs for spare parts and prevents leakages;
- It reduces noise.

It is recommended for use in any modern automatic transmissions (in manual operation, serial mode, electronic control – including with a hydraulic converter lock-up) of Volkswagen, Audi, Seat, Skoda vehicles in which the compliance with VW TL 521 62 requirements is required.

Colour: yellow

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

### Specifications

JASO M315 Type 1A

### Approval

### Recommendation

MB 236.1  
MB 236.2  
MB 236.5  
MB 236.6  
MB 236.7  
MB 236.8  
MB 236.9  
MB 236.91  
MB 236.10  
MB 236.11  
MB ATF 3403-M115  
MB A 0019892203  
VOLKSWAGEN LT 71141  
VOLKSWAGEN G 052 162 [AG4]  
VOLKSWAGEN G 052 990-A2  
VOLKSWAGEN G 055 025-A2  
VOLKSWAGEN G US 000 162  
BMW ATF4  
BMW ETL-7045  
BMW ETL-7045 E  
BMW ETL-8072B  
BMW LA 2634  
BMW LT 71141  
BMW 81 22 9 400 275  
BMW 81 22 9 400 272  
BMW 81 22 9 407 859  
BMW 81 22 9 407 858  
BMW 83 22 0 024 249  
BMW 83 22 0 024 359  
BMW 83 22 0 026 922  
BMW 83 22 0 402 413  
BMW 83 22 0 403 249  
BMW 83 22 0 403 248  
BMW 83 22 2 220 442  
BMW 83 22 2 220 440  
BMW 83 22 2 220 438  
BMW 83 22 7 542 290  
BMW 83 22 9 407 765  
BMW 83 22 9 407 807  
MINI 83 22 0 402 413  
MINI ATF JWS 3309  
JAGUAR JLM 20238  
JAGUAR JLM 20292  
JAGUAR JLM 21044  
JAGUAR Jatco 3100 PL085  
JAGUAR K17  
JAGUAR LT 71141  
JAGUAR WSS-M2C922-A1  
LAND ROVER ATF N402  
LAND ROVER JWS 3309US  
PEUGEOT Z 000169756  
RENAULT DP-0  
RENAULT Matic D2  
RENAULT SATF-D  
ZF LifeguardFluid 5 (ZF No. S671 090 170)  
ZF TE-ML 05L  
ZF TE-ML 11A  
ZF TE-ML 11B

ZF TE-ML 21L  
AUDI LT 71141  
AUDI G 052 162 [AG4]  
AUDI G 052 990-A2  
AUDI G 055 025-A2  
AUDI G US 000 162

## PACKAGING

|      |            |         |            |
|------|------------|---------|------------|
|      | MN8211-1   |         |            |
| 208L | MN8211-DR  | Drum    |            |
| 60L  | MN8211-60  | Drum    |            |
| 20L  | MN8211-20  | Plastic |            |
| 10L  | MN8211-10  | Plastic |            |
| 4L   | MN8211-4ME | Plastic | 4 pcs/box  |
|      | MN8211-4   |         |            |
| 1L   | MN8211-1ME | Plastic | 20 pcs/box |