



## MANNOL ATF-WS 8217

A special low-viscosity synthetic transmission fluid (ATF) for automatic gearboxes of TOYOTA/LEXUS vehicles with latest-generation TOYOTA and AISIN AW gearboxes, including sequential. It ensures a flawless operation of an automatic gearbox, guarantees minimal wear of ball bearings, stuffing boxes and gears, a lasting service life of the whole transmission and fuel economy. It was developed on the basis of the requirements set by the company AISIN WARNER.

Product properties:

- The highest-quality low-viscosity synthetic base with a consistent high viscosity index in a 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 extreme loads and high temperatures in summer, ensures necessary antifriction properties even in the event of a discontinuity of the oil film during overloads;
- The high-technology combination of additives ensures good antifriction properties for gear couplings and required friction properties for friction elements thus ensuring a significant fuel economy, an exceptionally smooth transmission shift and a significant increase in the service life of all transmission elements;
- It ensures a coordinated and smooth operation of clutches, extends the service life of friction elements, prevents hydraulic converter's contact elements from sliding when changing modes thus significantly reducing their wear;
- It has a superior 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 to a minimum, significantly increasing the time between oil changes and ensuring the durability of transmission components thus reducing the 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 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 last-generation Toyota and Aisin AW automatic gearboxes in which the compliance with the above-mentioned TOYOTA requirements is required, as well as for automatic gearboxes of passenger cars and commercial vehicles produced by European manufacturers.

Colour: red.

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

## **Specifications**

### **Approval**

### **Recommendation**

JAMA JASO M315, Class 1-A- LV L A  
AISIN WARNER JWS 3324 ATF, ATF-OWS  
AISIN WARNER JWS 3309 ATF, ATF-OT4  
AISIN WARNER AW-2  
FCA ATF+  
FCA ATF+2  
FCA ATF+3  
FCA ATF+4  
FCA ACRC  
FCA AB  
FCA 8 & 9 Speed ATF, 68218925AA  
FCA 236.10  
FCA 236.12, 05127382AA  
FCA 68333587AA  
FCA SP-III  
FCA Type 7176E  
FCA Type 9602  
ISUZU ATF WSI  
ISUZU ATF II  
ISUZU ATF-III  
ISUZU Genuine ATF  
GM 88863400  
GM 88863401  
LEXUS ATF WS Lifetime  
LEXUS 08886-02303  
LEXUS 08886-02305  
LEXUS 08886-80803  
LEXUS 08886-80807  
LEXUS 08886-81210  
LAND ROVER LR0022460  
MAN 339 Type Z1  
TOYOTA ATF FZ  
TOYOTA JWS 3324 ATF, ATF-OWS  
TOYOTA JWS 3309, Type T-IV, 08886-81015  
TOYOTA Type D-II  
TOYOTA Type T  
TOYOTA Type S-II  
TOYOTA Type S-III  
VOLKSWAGEN G 055 540-A2  
VOITH ATs 55.6335

## **PACKAGING**

|       |            |             |            |
|-------|------------|-------------|------------|
| 1L    | MN8217-1   | Plastic     | 20 pcs/box |
| 1000L | MN8217-IBC | Pallet tank |            |
| 208L  | MN8217-DR  | Drum        |            |
| 60L   | MN8217-60  | Drum        |            |
| 20L   | MN8217-20  | Plastic     |            |
| 4L    | MN8217-4   | Plastic     | 4 pcs/box  |

