



## MANNOL ATF Multivehicle JWS 3309 8218

A universal all-season high-viscosity synthetic transmission fluid (ATF) for automatic gearboxes. It was specially developed for all modern automatic gearboxes (manual or sequential modes, electronic control, etc.) equipped with and without a hydraulic converter lock-up. It is also compatible with old-generation automatic gearboxes, hydraulic power steering systems, ship reversing gears, hydrostatic transmissions, hydraulic/mechanical systems in which the use of fluids that correspond to Dexron (except Dexron VI) or Mercon standards is prescribed.

It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of transmissions 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 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;
- 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, a continuous and smooth transmission shift and an extended service life of all transmission elements. It ensures a coordinated and smooth operation of the clutch. It prevents scuffing;
- It has an increased 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;
- It protects metal parts from ferrous and non-ferrous alloys (especially radiators) 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 thus allowing reducing the costs for spare parts and prevents leakages. It effectively protects fluoroelastomer seals of heavy equipment;
- It reduces noise.

It is recommended for automatic gearboxes produced by American: GM, FORD, CHRYSLER, etc., Asian: HYUNDAI/KIA, MITSUBISHI, NISSAN, SSANGYONG, SUBARU, TOYOTA, etc. and European manufacturers: BMW, CITROEN, FIAT, MB, VOLVO, PEUGEOT, RENAULT, etc.

Colour: red

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

### **Specifications**

JASO M315 Type 1-A-LV

### **Approval**

### **Recommendation**

AISIN WARNER JWS 3309  
VOLKSWAGEN G 052 025-A2  
VOLKSWAGEN G 052 162-A1  
VOLKSWAGEN G 052 990-A1  
VOLKSWAGEN G 052 990-A2  
VOLKSWAGEN G 055 025-A1  
VOLKSWAGEN G 055 025-A2  
BMW 83 22 0 403 248  
BMW 83 22 2 163 514  
BMW 83 22 9 407 765 (LA 2634)  
BMW 83 22 9 407 807  
BMW 7045E (3 Series)  
BMW ETL-8072B (5 Series)  
BMW LT71141 (ZF 5 Speed)  
CHRYSLER ATF+3  
CHRYSLER ATF+4  
DAIHATSU ALUMIX ATF MULTI  
FORD Mercon V  
FORD Mercon SP  
FORD Mercon LV  
FORD Mercon ATF Type F  
FORD XT-8-QMM5 [FRN5]  
GM Dexron II  
GM Dexron II D  
GM Dexron II E  
GM Dexron III F  
GM Dexron III G  
GM Dexron III H  
HONDA ATF-Z1 (not for CVT)  
HONDA ATF DW-1  
HYUNDAI ATF SP-II  
HYUNDAI ATF SP-III  
IDEMITSU K17-Jaguar X Type 2001-2005  
INFINITI Matic D  
INFINITI Matic J  
INFINITI Matic K  
JATCO ATF 3100 PL085  
KIA ATF-SP-II  
KIA ATF-SP-III  
MAN 339 F  
MAN 339 V1  
MAN 339 V2  
MAN 339 Z1  
MAN 339 Z2  
MAZDA ATF M-III  
MAZDA ATF M-V  
MB 236.1  
MB 236.2

MB 236.3  
 MB 236.5  
 MB 236.6  
 MB 236.7  
 MB 236.9  
 MB 236.10  
 MB 236.11  
 MITSUBISHI DIAMOND SP-II  
 MITSUBISHI DIAMOND SP-III  
 MOPAR AS68RC  
 NISSAN Matic D  
 NISSAN Matic J  
 NISSAN Matic K  
 PORSCHE JWS 3309  
 SUBARU ATF-5  
 SUBARU ATF-HP  
 SUZUKI 3314  
 SUZUKI 3317  
 SUZUKI 2384K  
 SUZUKI ATF OIL  
 SUZUKI ATF OIL SPECIAL  
 TOYOTA ATF Type T  
 TOYOTA ATF Type T-II  
 TOYOTA ATF Type T-III  
 TOYOTA ATF Type T-IV  
 LEXUS ATF Type T  
 LEXUS ATF Type T-II  
 LEXUS ATF Type T-III  
 LEXUS ATF Type T-IV  
 VOITH 55.6335.XX (G607)  
 VOLVO 97340  
 VOLVO 97341  
 ZF TE-ML 03D  
 ZF TE-ML 04D  
 ZF TE-ML 11B  
 ZF TE-ML 14A  
 ZF TE-ML 14B  
 ZF TE-ML 16L  
 ZF TE-ML 17  
 Others TEXACO N402 (JATCO FWD) / ETL 7045E / ETL 8072B / MOBIL ATF  
 LT 71141

## PACKAGING

	MN8218-1		
1000L	MN8218-IBC	Pallet tank	
208L	MN8218-DR	Drum	
60L	MN8218-60	Drum	
20L	MN8218-20	Plastic	
10L	MN8218-10	Plastic	
4L	MN8218-4	Plastic	4 pcs/box

