

MANNOL®

AUTOMATIC TRANSMISSION FLUID

ATF Multivehicle

Full Synthetic

JWS 3309

AISIN WARNER JWS 3309

JASO M315 TYPE 1-A-LV



1 L · 20 L · 208 L

DESCRIPTION

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 was developed on the basis of the requirements set by the company AISIN WARNER.

PRODUCT PROPERTIES

- 01** 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;
- 02** 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;
- 03** 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;
- 04** It protects metal parts from ferrous and non-ferrous alloys (especially radiators) from corrosion when both in and not in operation;
- 05** It effectively resists aeration and foam formation;
- 06** 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;
- 07** It reduces noise.

APPLICATIONS

It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of transmissions and fuel economy.

It is recommended for automatic gearboxes produces 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.

* COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS PROVIDED IN THE USER'S MANUAL.

SPECIFICATION & FLUID DATA

SPECIFICATION	VALUE
JASO	M315 Type 1-A-LV
AISIN WARNER	JWS 3309
Colour	Red

CODES & AVAILABLE PRESENTATIONS

MN8218-1

MANNOL ATF Multivehicle JWS 3309

1 L

MN8218-20

MANNOL ATF Multivehicle JWS 3309

20 L

MN8218-DR

MANNOL ATF Multivehicle JWS 3309

208 L DRUM



INFORCA
INTERNATIONAL
Oil & Car Care Products

DISTRIBUTED BY

Inforca International · Oil & Car Care Products

1862 NW 82nd Ave, Doral, FL 33126 +1 (305) 910 0282

www.inforcainternational.com

GOT QUESTIONS?

Get in touch with us!



SPECIFICATIONS & RECOMMENDATIONS — FULL INDEX

Complete list of manufacturer specifications and fluid types for which this product is recommended.

JASO M315 Type 1-A-LV	HONDA ATF DW-1	NISSAN Matic J
AISIN WARNER JWS 3309	HYUNDAI ATF SP-II	NISSAN Matic K
VOLKSWAGEN G 052 025-A2	HYUNDAI ATF SP-III	PORSCHE JWS 3309
VOLKSWAGEN G 052 162-A1	IDEMITSU K17-Jaguar X Type 2001-2005	SUBARU ATF-5
VOLKSWAGEN G 052 990-A1	INFINITI Matic D	SUBARU ATF-HP
VOLKSWAGEN G 052 990-A2	INFINITI Matic J	SUZUKI 3314
VOLKSWAGEN G 055 025-A1	INFINITI Matic K	SUZUKI 3317
VOLKSWAGEN G 055 025-A2	JATCO ATF 3100 PL085	SUZUKI 2384K
BMW 83 22 0 403 248	KIA ATF-SP-II	SUZUKI ATF OIL
BMW 83 22 2 163 514	KIA ATF-SP-III	SUZUKI ATF OIL SPECIAL
BMW 83 22 9 407 765 (LA 2634)	MAN 339 F	TOYOTA ATF Type T
BMW 83 22 9 407 807	MAN 339 V1	TOYOTA ATF Type T-II
BMW 7045E (3 Series)	MAN 339 V2	TOYOTA ATF Type T-III
BMW ETL-8072B (5 Series)	MAN 339 Z1	TOYOTA ATF Type T-IV
BMW LT71141 (ZF 5 Speed)	MAN 339 Z2	LEXUS ATF Type T
CHRYSLER ATF+3	MAZDA ATF M-III	LEXUS ATF Type T-II
CHRYSLER ATF+4	MAZDA ATF M-V	LEXUS ATF Type T-III
DAIHATSU ALUMIX ATF MULTI	MB 236.1	LEXUS ATF Type T-IV
FORD Mercon V	MB 236.2	VOITH 55.6335.XX (G607)
FORD Mercon SP	MB 236.3	VOLVO 97340
FORD Mercon LV	MB 236.5	VOLVO 97341
FORD Mercon ATF Type F	MB 236.6	ZF TE-ML 03D
FORD XT-8-QMM5 [FRN5]	MB 236.7	ZF TE-ML 04D
GM Dexron II	MB 236.9	ZF TE-ML 11B
GM Dexron II D	MB 236.10	ZF TE-ML 14A
GM Dexron II E	MB 236.11	ZF TE-ML 14B
GM Dexron III F	MITSUBISHI DIAMOND SP-II	ZF TE-ML 16L
GM Dexron III G	MITSUBISHI DIAMOND SP-III	ZF TE-ML 17
GM Dexron III H	MOPAR AS68RC	Others TEXACO N402 (JATCO FWD) / ETL 7045E / ETL 8072B / MOBIL ATF LT 71141
HONDA ATF-Z1 (not for CVT)	NISSAN Matic D	

* COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS PROVIDED IN THE USER'S MANUAL.