



PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF

Premium, Synthetic Technology Multi-Vehicle Automatic Transmission Fluid

Premium performance, synthetic technology fluid designed to meet the needs of multiple vehicle types for service fill in automatic transmission service. PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF meets the needs of many Asian and North American designed automatic transmissions.

Applications

- *Passenger car automatic transmissions*
- *Heavy duty automatic transmissions*
- *Power steering units*
- *Hydraulic systems requiring this grade of fluid*

Performance Features and Benefits

- **Friction modified**
Provides consistent, reliable, smooth and trouble free operation of automotive transmission systems.
- **Exceptionally high oxidation resistance**
Resistant to oil degradation and keeps automatic transmissions clean.
- **Excellent shear-stability**
A special 'VI' improver minimises the changes in viscosity with operating temperature.
- **Dependable anti-wear and gear protection**
Long component life
- **Low temperature performance**
Excellent oil fluidity at low temperatures
- **Synthetic base fluids**
Excellent fluid life in the most demanding applications

Colour

PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF is dyed red for identification purposes.

Specification and Approvals

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Ford	Mercon® V
	Mercon®
General Motors	Dexron® IIIH
JASO	1-A
JASO	2A-02
Allison	C-4
Aisin	JWS 3309 (all applications)

See the application chart and notes for additional vehicle coverage

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF			
Viscosity			
	at -40°C	mPa.s	ASTM D 2983
	at 100°C	mm ² /s	ASTM D445
Density at 15°C		kg/m ³	ASTM D1298
Flash Point COC	°C		ASTM D92

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.



Technical Data Sheet

Application Table

Manufacturer	Fluid Specification		Manufacturer	Fluid Specification
Aisin	JWS 3309		Mercedes-Benz	Pre-1996
Allison	C-4		Mini	83 2 0 402 42
Audi	G 055 025-A2		Mitsubishi	Diamond SP-II
Audi	G052 162-A1		Mitsubishi	Diamond SP-III
BMW	LA2634, ETL-7045E		Nissan/Infiniti	Matic-D
BMW	LT71141		Nissan/Infiniti	Matic-J (Note 3)
Fiat	9.55550 AV		Nissan/Infiniti	Matic-K
Ford	MERCON		Porsche	JWS 3309 (Cayenne)
Ford	MERCON V		Saab	JWS 3309 and 5 speed automatics, Transmax J, TIV
Ford	M2C138-CJ		Scion	T-II, T-III, T-IV
Ford	M2C166-H		Subaru	ATF
Ford	M2C202-B		Subaru	ATF-HP
Ford	WSS-M2C924-A (JWS 3309 in Five Hundred and Montego)		Suzuki	Dexron III
Ford	M2C922-A1		Texaco	ETL-7045E, N402
GM	Type A, Suffix A		Toyota	Type T-II
GM/Saturn	9986195 (JWS 3309)		Toyota	Type T-III, and where a Dexron III fluid is allowed
GM	DEXRON		Toyota/Lexus	Type T-IV
GM	DEXRON-II		Voith	55.6335.32 (G607, G1363) Voith DIWA #013S
GM	DEXRON-II D		Volvo	JWS 3309, 5 Speed Automatics, TE-ML 09/11
GM	DEXRON-IIIG,IIIH		Volvo	Volvo 1273.41 and 97340
Honda/Acura	Premium		Various	ZF TE-ML 14B
Honda/Acura	ATF-Z1		Various	ZF TE-ML 16L
Hyundai	SP-II or SP-III		Various	JWS-3309
Idemitsu	K17		VW	G 055 25-A2, TL-5612, TL-52162
Isuzu	SCS, ATF-II, ATF-III, Genuine		ZF	TE-ML 02F
JASO	JASO 1A		ZF	TE-ML 03D
Kia	SP-II or SP-III		ZF	TE-ML 04D
Kia	ATF Red I-K		ZF	TE-ML 09
MAN	339F Ty V-1, V-2, Z-1, Z-2, Z-3		ZF	TE-ML 11A
Mazda	ATF M-111		ZF	TE-ML 14A/14B/14C
Mazda	ATF MV		ZF	TE-ML 16L
Mercedes-Benz	Sheet 236.1, 236.2, 236.5, 236.6, 236.7, 236.9, 236.10		ZF	TE-ML 17C

PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF is suitable in many Kia, pre-2003 VW/Audi, Mazda, Subaru, Suzuki, Isuzu, Hyundai, Daewoo transmissions where a DEXRON®/MERCON®/MERCON® V fluid is allowed.

- *Note: 1) PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF should not be used where Type F fluids are recommended; check application manual if the vehicle is one of the following: Datsun/Nissan pre 1971, Lincoln pre 1978, Ford/Mercury pre 1981, Toyota pre 1983, Volvo pre 1985, Mazda pre 1986, Saab pre 1993.
- *Note: 2) PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF should not be used in Continuous Variable Transmissions (CVTs) or Double Clutch Transmissions (DCTs).
- *Note: 3) PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF does not meet the low viscosity requirements of 2006 and later GM vehicles requiring DEXRON®-VI, Ford applications requiring Ford MERCON® LV or Mercon® SP, Shell 1375.4, newer Daimler transmissions (ATF 134FE) and some other manufacturer's 6 and 7 speed transmissions, and other specialty transmissions where a low viscosity ATF is recommended. Where applications allow use of an alternate fluid of a higher viscosity (example Nissan Matic-J when Nissan Matic-S is not available) to one of the above fluid specifications, PENNZOIL® SYNTHETIC MULTI-VEHICLE ATF is an excellent recommendation.

DEXRON is a registered trademark of General Motors Corporation. MERCON is a registered trademark of Ford Motor Company.