

Pennzoil Platinum™ High Mileage ATF Premium, Synthetic Technology Multi-Vehicle Automatic Transmission Fluid for Slightly Older Transmission Designs.



TECHNICAL DATA SHEET

Premium performance, synthetic technology fluid designed to meet the needs of multiple vehicle types for service fill in automatic transmission service. Pennzoil Platinum™ High Mileage ATF meets the needs of many older Japanese, Asian, European, and North American designed automatic transmissions.

PERFORMANCE, FEATURES & 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. Maintains performance in older transmissions and the long service life in may import transmissions.

Excellent shear-stability

A special 'VI' improver minimises the changes in viscosity with operating temperature. This provides a constant, higher viscosity used by many 2005 and earlier vehicles as well as imports and some domestic vehicles currently.

Dependable anti-wear and gear protection

Long component life and protection of gears as vehicles age.

Seal Swell

Contains seal swell agents to maintain seals that have aged for proper performance in transmissions that are seeing their first or even second or more ATF changes.

Low temperature performance

Excellent oil fluidity at low temperatures helps provide proper shift feel and operation at first start up and when cold.

MAIN APPLICATIONS

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

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Ford MERCON® V

Ford 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

Color

Pennzoil Platinum™ High Mileage & Import MV ATF is dyed red for identification purposes.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

To find the right Pennzoil® product for your vehicles and equipment, please consult www.pennzoil.com to look up the right motor oil recommendation using our oil selector.

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TYPICAL PHYSICAL CHARACTERISTICS

Properties			Method	Pennzoil Platinum™ High Mileage ATF
Kinematic Viscosity	@-40°C (-40°F)	mPa.s	ASTM D2983	12 000
Kinematic Viscosity	@100°C (212°F)	mm ² /s	ASTM D445	7.2
Density	@15°C (59°F)	kg/l	ASTM D1298	0.842
Flash Point (COC)		°C	ASTM D92	190

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

HEALTH, SAFETY & ENVIRONMENT

Health and Safety

Pennzoil Platinum™ High Mileage ATF is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet (MSDS), which can be obtained from www.epc.shell.com

Protect the Environment

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

ADDITIONAL INFORMATION

Advice

Advice on applications not covered here may be obtained from your Shell Lubricants distributor representative or Shell Technical Help Desk.

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	G 052 162-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

Pennzoil Platinum™ High Mileage ATF Premium, Synthetic Technology Multi-Vehicle

Automatic Transmission Fluid for Slightly Older Transmission Designs.

Manufacturer	Fluid Specification	Manufacturer	Fluid Specification
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-IID	Volvo	JWS 3309, 5 speed Automatics, TE-ML 09/11
GM	DEXRON-IIIG, IIH	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

Application Exceptions

1) Pennzoil Platinum™ High Mileage 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

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1971, Lincoln pre 1978, Ford/Mercury pre 1981, Toyota pre 1983, Volvo pre 1985, Mazda pre 1986, Saab pre 1993.

2) Pennzoil Platinum™ High Mileage ATF should not be used in Continuous Variable Transmissions (CVTs) or Double Clutch Transmissions (DCTs).

3) Pennzoil Platinum™ High Mileage 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, Toyota WS, Hyundai SP-IV or SPH-IVRR, Nissan Matic-S, Honda ATF DW-1, Chrysler ZF 8 and 9 speed ATF, other ZF 8 and 9-speed ATFs (in a number of European cars), newer Daimler transmissions (ATF 134 or later MB Approval 236.12, 236.14, 236.15 or 236.16) 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 Platinum™ High Mileage ATF is an excellent recommendation.

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