

AUTOMAT ATF LV-1

Product Description

AUTOMAT ATF LV-1 is a premium fully synthetic low viscosity automatic transmission fluid especially developed to deliver anti-shudder durability for high performance multi-speed (>5 speeds) of modern multi-vehicle automatic transmissions. It enhances shear stability for superior wear protection, plus optimize proper frictional characteristic for enabling fast response and smooth gear shifting along with prolonging fluid life.

Benefits

- Passes all specification requirements for JASO M315 type 1A LV performance claim.
- Suitable for Use with Asian, European and American OEMs that uses low viscosity ATF.
- New low viscosity formulation enables better access to growing service fill market for low viscosity ATF and potential fuel economy benefits.
- Offers excellent anti-shudder durability.
- Provides smoothly and precisely gear change.
- Reduces engine wear and extends gear life.
- Enhances elastomer compatibility.

Applications

- Designed for high performance multi-speed (>5 speeds) of all modern multi-vehicle automatic transmission such as Aisin, ZF.
- Suitable for prior model of automatic transmission (< 5 speeds) recommended low viscosity ATF.
- Can be used for power steering fluid.

The Moving Innovation 

AUTOMAT ATF LV-1

Typical Characteristics

Tests	Methods	Units	Results
Density at 15 °C	ASTM D 4052	g/cm ³	0.846
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	31.8
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	6.3
Viscosity Index	ASTM D 2270		153
Brookfield Viscosity at -40 °C	ASTM D 2983	mPa.s	18,946
Flash Point	ASTM D 92	°C	230
Pour Point	ASTM D 5950	°C	-45

Performance Standards

- JASO 1A LV
- DEXRON III
- Suitable for use:

OEMs	Specifications
Toyota	WS
Honda	DW-1
Nissan	Matic-S
Mitsubishi	ATF-J3, SP-IV
Mazda	FZ
JASO	1A LV
Mercedes-Benz	236.12, 236.14, 236.15
BMW/ MINI	P/N 83 22 0 142 516 P/N 83 22 2152426 P/N 83 22 0 397 114/ 163 514
Audi/VW	G 052 533, G 055 005, G 055 162, G 055 540, G 060 162
Porsche	P/N 000 043 304 00
Maserrati	P/N 231603
JWS	AW-1
Saab	P/N 93 165 147-AW-1
Volvo	6 Speed (P/N 31256774 or 31256675)
(MY 2011-2013)	
Land Rover	P/N TYK500050, P/N LR0022460
Bentley	P/N PY112995PA
Jaguar	Fluid 8432

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



The product can cause some skin irritation and has flash point higher than 93.4°C

OEMs	Specifications
ZF	Lifeguardfluid 6 / 8
GM/GMC/Opel/	AW1, VI, P/N 88863400
Saturn	P/N 88863401
Ford/Lincoln/	WSP/N XT-6-QSP or -DSP [SP]
Mercury	P/N XT-10-QLV [LV]
Hyundai / Kia	SP-IV, SPH-IV, NWS-9638 T-5 P/N 040000c90SG 3309, 3314, 3317
Chrysler/	P/N 05127382AA, P/N 68043742AA
Dodge/ Jeep	P/N 68157995AA
Other	ATF: 3353, 134, M-1375.4

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.