

MANNOL®

AUTOMATIC TRANSMISSION FLUID

ATF

Full Synthetic

SP-IV

JASO M315 CLASS 1-A-LV

HYUNDAI / KIA 6-SPEED



1 L · 4 L · 204 L

DESCRIPTION

Special low viscosity synthetic gear oil (ATF) with a special additive package for Hyundai 6-speed automatic transmissions.

Designed based on the requirements of Korean automakers.

PRODUCT PROPERTIES

- | | |
|--|--|
| <p>01 A low-viscosity synthetic base of the highest quality with a consistently high viscosity index in combination with a multifunctional additive package retains all its properties in a wide temperature range: it provides good lubricating properties at low (-45 °C) temperatures in winter and provides a stable oil film at extreme loads and temperatures in the summer, it provides the necessary anti-friction properties even in case of violation of the continuity of the oil film under heavy loads. Protects friction surfaces from wear and sticking, reduces friction energy losses;</p> | <p>02 A high-tech combination of additives provides good anti-friction properties for gearing and excellent frictional properties for friction elements, which ensures significant fuel economy, exceptionally soft and smooth gearshifts without jerking and a significant increase in the service life of all transmission elements;</p> |
| <p>03 Provides smooth and reliable operation of the clutches, extends the service life of friction elements, prevents slipping of the contacting elements of the torque converter when switching modes, which significantly reduces their wear;</p> | <p>04 It has unsurpassed thermal oxidative and chemical stability and resistance to high-temperature thermal degradation over the entire life cycle. This allows to minimize the formation of sludge, varnish, soot and other carbon deposits, significantly increase the oil change interval and ensure the durability of transmission parts, which reduces the cost of maintenance;</p> |
| <p>05 Protects metal parts from ferrous and non-ferrous alloys from corrosion both during operation and inoperative;</p> | <p>06 Effectively resists aeration and foaming;</p> |
| <p>07 Provides compatibility with all materials of seals, prevents their swelling, hardening and shrinkage, which reduces the cost of spare parts and prevents leaks;</p> | <p>08 Well removes heat from rubbing surfaces;</p> |
| <p>09 Reduces noise.</p> | |

APPLICATIONS

It is recommended for automatic transmissions of HYUNDAI, KIA of the latest generation where compliance with the above requirements is required, as well as for automatic transmissions of cars and commercial vehicles of European manufacturers in accordance with the above specifications.

Suitable for gearboxes of Proton and Chery cars.

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

SPECIFICATION & FLUID DATA

SPECIFICATION	VALUE
JASO	M315, Class 1-A-LV
Colour	Red

CODES & AVAILABLE PRESENTATIONS

MN8219-1

MANNOL ATF SP-IV

1 L

MN8219-4

MANNOL ATF SP-IV

4 L

MN8219-DR

MANNOL ATF SP-IV

204 L DRUM



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GOT QUESTIONS?

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SPECIFICATIONS & RECOMMENDATIONS — FULL INDEX

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

JASO M315, Class 1-A-LV	HYUNDAI Genuine ATF	MAZDA FZ
ACURA DW-1	HYUNDAI JWS 3314	MAZDA FW 6A EL
ACURA ATF Type 3.0	HYUNDAI 00232-19023	MAZDA FW 6AX EL
ACURA ATF Z1, 08200-9001	HYUNDAI 040000C90SG	MB 236.12
ACURA ATF Z1, 08200-9001A	HYUNDAI 04500-00140	MB 236.14
ACURA ATF Type 3.1	HYUNDAI UM040 CH20 Red-1	MB 236.15
BENTLEY PY112995PA	INFINITI Matic S	MB 236.41
BMW 83 22 0 142 516 (1375.4)	INFINITI Matic W	MERCURY XT-10-QLVC
BMW 83 22 0 397 114	JAGUAR Fluid 8432	MERCURY XT-6-QSP
BMW 83 22 2 152 426	JEEP 05127382AA	MERCURY XT-6-DSP
BMW 83 22 2 289 720	JEEP 68043742AA	MINI 83 22 0 142 516
BMW 83 22 2 163 514	JEEP 68157995AA	MINI 83 22 0 397 114
BMW 83 22 2 305 397	KIA NWS-9638 T-5	MINI 83 22 2 152 426
CHRYSLER 05127382AA	KIA SP4-M1	MINI 83 22 2 289 720
CHRYSLER 68043742AA	KIA SP	MINI 83 22 2 163 514
CHRYSLER 68157995AA	KIA SP-II	MINI 83 22 2 305 397
DODGE 05127382AA	KIA SP-III	MITSUBISHI ATF-J3
DODGE 68043742AA	KIA SP-IV	MITSUBISHI ATF-J2
DODGE 68157995AA	KIA SPH-IV	MITSUBISHI Dia Queen ATF-PA
FORD XT-10-QLVC	KIA SP-IV-RR	MITSUBISHI Dia Queen ATF-MA1 MZ320775
FORD XT-6-QSP	KIA ATF RED-1K	MITSUBISHI Dia Queen AW
FORD XT-6-DSP	KIA Genuine ATF	MITSUBISHI DII
HONDA DW-1	KIA JWS 3314	MITSUBISHI DIII
HONDA ATF Type 3.0	KIA 00232-19023	MITSUBISHI SP, MS991156
HONDA ATF Type 3.1	KIA 040000C90SG	NISSAN Matic S
HONDA ATF Z1, 08200-9001	KIA 04500-00140	NISSAN Matic W
HONDA ATF Z1, 08200-9001A	KIA UM040 CH20 Red-1	OPEL GM SATURN GMC AW1-VI
HYUNDAI NWS-9638 T-5	LAND ROVER TYK500050	OPEL GM SATURN GMC 88863400
HYUNDAI SP	LAND ROVER LR0022460	OPEL GM SATURN GMC 88863401
HYUNDAI SP4-M1	LEXUS Scion FZ	PORSCHE 000 043 304 00
HYUNDAI SP-II	LEXUS Type WS	SAAB 93 165 147 AW-1
HYUNDAI SP-III	LEXUS JWS 3324	TOYOTA Scion FZ
HYUNDAI SP-IV	LINCOLN XT-10-QLVC	TOYOTA Type WS (JWS 3324)
HYUNDAI SPH-IV	LINCOLN XT-6-QSP	ZF Lifeguardfluid 6/Lifeguardfluid 8
HYUNDAI SP-IV-RR	LINCOLN XT-6-DSP [SP]	
HYUNDAI ATF RED -1K	MASERATI 231603	

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