



## MANNOL ATF SP-IV 8219

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:

- 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;
- 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;
- 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;
- 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;
- Protects metal parts from ferrous and non-ferrous alloys from corrosion both during operation and inoperative;
- Effectively resists aeration and foaming;
- Provides compatibility with all materials of seals, prevents their swelling, hardening and shrinkage, which reduces the cost of spare parts and prevents leaks;
- Well removes heat from rubbing surfaces;
- Reduces noise.

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.

Color: red.

Follow the manufacturer's instructions in the instruction manual!

### **Specifications**

JASO M315, Class 1-A-LV

### **Recommendation**

ACURA DW-1  
ACURA ATF Type 3.0  
ACURA ATF Type 3.1  
BENTLEY PY112995PA  
BMW 83 22 0 142 516 (1375.4)  
BMW 83 22 0 397 114  
BMW 83 22 2 152 426  
BMW 83 22 2 289 720  
BMW 83 22 2 163 514  
BMW 83 22 2 305 397  
CHRYSLER 05127382AA  
CHRYSLER 68157995AA  
DODGE 68043742AA  
DODGE 68157995AA  
FORD XT-10-QLVC  
FORD XT-6-QSP  
FORD XT-6-DSP  
HONDA DW-1  
HONDA ATF Type 3.0  
HONDA ATF Type 3.1  
HYUNDAI NWS-9638 T-5  
HYUNDAI SP4-M1  
HYUNDAI SP-IV  
HYUNDAI SPH-IV  
HYUNDAI SP-IV-RR  
HYUNDAI 040000C90SG  
INFINITI Matic S  
INFINITI Matic W  
JAGUAR Fluid 8432  
JEEP 05127382AA  
JEEP 68043742AA  
JEEP 68157995AA  
KIA NWS-9638 T-5  
KIA SP4-M1  
KIA SP-IV  
KIA SPH-IV  
KIA SP-IV-RR  
KIA 040000C90SG  
LAND ROVER TYK500050  
LAND ROVER LR0022460  
LEXUS Scion FZ  
LEXUS Type WS  
LEXUS JWS 3324  
LINCOLN XT-10-QLVC  
LINCOLN XT-6-QSP  
LINCOLN XT-6-DSP [SP]  
MASERATI 231603  
MAZDA FZ  
MAZDA FW 6A EL  
MAZDA FW 6AX EL  
MB 236.12

MB 236.14  
 MB 236.41  
 MERCURY XT-10-QLVC  
 MERCURY XT-6-QSP  
 MERCURY XT-6-DSP  
 MINI 83 22 0 142 516  
 MINI 83 22 0 397 114  
 MINI 83 22 2 152 426  
 MINI 83 22 2 289 720  
 MINI 83 22 2 163 514  
 MINI 83 22 2 305 397  
 MITSUBISHI ATF-J3  
 MITSUBISHI Dia Queen ATF-PA  
 MITSUBISHI Dia Queen ATF-MA1 MZ320775  
 NISSAN Matic S  
 NISSAN Matic W  
 OPEL GM SATURN GMC AW1-VI  
 OPEL GM SATURN GMC 88863400  
 OPEL GM SATURN GMC 88863401  
 PORSCHE 000 043 304 00  
 SAAB 93 165 147 AW-1  
 TOYOTA Scion FZ  
 TOYOTA Type WS (JWS 3324)  
 ZF Lifeguardfluid 6/Lifeguardfluid 8  
 ZF Lifeguardfluid 8

## PACKAGING

	MN8219-1		
1000L	MN8219-IBC	Pallet tank	
208L	MN8219-DR	Drum	
60L	MN8219-60	Drum	
20L	MN8219-20	Plastic	
	MN8219-4		
	MN8219-1ME		