

PRODUCT DESCRIPTION

ATF SP-IV is a fully synthetic low viscosity automatic transmission fluid designed for 6 speed electronically controlled system of HYUNDAI and KIA passenger cars which require a fluid with SP-IV specification. Delivers fuel efficiency versus the conventional ATFs.

ATF SP-IV provides improved performance without the need of any supplemental additives. Its superior frictional characteristic ensures smooth gear shifts and gives optimum protection against wear. Delivers the highest performance even in high operating temperature conditions.

APPLICATION

Recommended for use in HYUNDAI, KIA and other 6 speed automatic transmissions where SP-IV fluid is required. Suitable for front wheel drive or all-wheel drive vehicles. For use in automatic gearboxes of Japanese, Korean and American car manufacturers.

ATF SP-IV is NOT backward compatible nor interchangeable with ATF SP-III, ATF SP-II & ATF SP.

WARRANTY

ATF SP-IV meets or exceeds the OEM's warranty requirements where SP-IV fluid is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
Kinematic viscosity at:			
40 °C	cSt	26.76	ASTM D445
100 °C	cSt	5.58	ASTM D445
Viscosity index	-	154	ASTM D2270
Color	-	Red	ASTM D1500

- **Fuel efficiency**

Its low viscosity properties support less viscous drag which saves fuel during highway driving speeds.

- **Extends transmission system life**

Excellent wear protection, effective heat exchange, better shear stability and maximized transmission durability.

- **Multi-purpose application**

For automatic transmission with slip lockup clutch system, for torque converters and hydraulic systems where SP-IV fluid is specified for use.

MEETS SPECIFICATIONS & REQUIREMENTS OF:

- HYUNDAI ATF SP-IV
- KIA ATF SP-IV
- FUSO ATF-SPIII
- FUSO ATF-A3
- ATF NWS 9638

Refer to chart for additional specifications & SFU list.

Suitable for use in various OEMs such as HYUNDAI, KIA, and other 6 speed automatic transmissions requiring a SP-IV automatic transmission fluid.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

Flash point	°C	186	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8388	ASTM D4052

ADDITIONAL SPECIFICATIONS & SUITABLE FOR USE LIST

OEM/BRAND	SPECIFICATIONS
HYUNDAI	04500-00115 HYUNDAI MOBIS ATF SP-IV 1L, 04500-00A15 HYUNDAI MOBIS ATF SP-IV 20L
KIA	UM090-CH042

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY & ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI[®] distributor.