

### 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.

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

### CUSTOMER BENEFITS

- 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.

**ADDITIONAL SPECIFICATIONS & SUITABLE FOR USE LIST**

| OEM/BRAND      | SPECIFICATIONS   |
|----------------|--|
| <b>HYUNDAI</b> | 04500-00115 HYUNDAI MOBIS ATF SP-IV 1L,<br>04500-00A15 HYUNDAI MOBIS ATF SP-IV 20L |
| <b>KIA</b>     | 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.