

ATF SP-3

PRODUCT DESCRIPTION

Synthetic transmission fluid, specially engineered for MITSUBISHI four and five speed automatic transmissions. ATF SP-III can also be used in similar Hyundai and KIA transmissions with DiaQueen ATF SP-III specification. The product is manufactured from premium synthetic base stocks (PAO), having high viscosity index, and a carefully selected additive package, providing effective wear protection and optimal friction characteristics for smooth gear shifts. The product has outstanding temperature and viscosity characteristics and excellent shear stability.

Increased stability to physical deterioration and outstanding stability to oxidation allow the retention of initial performance in extended service intervals.

APPLICATION

- TOTACHI ATF SP-III is designed for MITSUBISHI automatic transmissions. The Original Equipment Manufacturer recommends to use this fluid only in MITSUBISHI automatic transmissions.
- The product is also used in Hyundai and KIA cars, equipped with similar automatic transmission systems, which require fluids with HYUNDAI ATF SP-III specification.
- The product replaces fluids with previous specification ATF SP-II and can be also used in servo drives and power steering systems.

TYPICAL TEST DATA

| CHARACTERISTICS | UNITS | VALUES | ASTM |
|-------------------------|-------|---------|------------|
| Kinematic viscosity at: | | | |
| 40 °C | cSt | 37,54 | ASTM 445 |
| 100 °C | cSt | 7,026 | ASTM 445 |
| Flash point | °C | 230 | ASTM D92 |
| Pour point | °C | -42 | ASTM D97 |
| Density at 30 °C | Kg/l | 0,8430 | ASTM D4052 |
| Viscosity index | | 151 | ASTM D2270 |
| Color | | красный | ASTM D1500 |

CUSTOMER BENEFITS

- Due to its perfect detergent characteristics and high thermal oxidation stability the product maintains system cleanliness and provides guaranteed drain interval of no less than 50000 km.
- The product has stable friction properties for transferring torque and provides smooth gear shifts in wide range of operating temperatures.
- The retention of low temperature flow rate and oil film strength in high operating temperatures extends transmission system service life.
- ATF SP-III effectively protects against varnish, soot and low temperature sludge, as well as it provides outstanding protection of automatic transmission oil coolers against corrosion.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- MITSUBISHI DiaQueen ATF SP III
- HYUNDAI ATF SP III

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

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Cans, packed in cardboard boxes, must be stored in dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors on pallets and racks.
- If stored outdoors drums should be placed sidewise to avoid accumulation of moisture.

HEALTH, SAFETY AND 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.