

ATF Type T-4

PRODUCT DESCRIPTION

High quality fully synthetic transmission fluid, specially engineered for AISIN automatic transmissions, installed in Toyota, Lexus, Daihatsu, Scion passenger cars, SUVs and light commercial vehicles, as well as in vehicles of many other OEMs. 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. ATF Type T-4 provides robust protection of transmission systems in high loads and guarantees smooth gear shifts, as well as reliable operation of all transmission system parts.

APPLICATION

- The product is recommended for AISIN automatic transmissions, including models with standby mode and manually shifted gearboxes.
- TOTACHI ATF Type T-4 is recommended for use in Aisin-Warner transmissions with JWS 3309 or GM 9986195 requirements.
- TOYOTA allows the use of ATF Type T-IV in transmissions with previous specifications Toyota Type T-II and T-III.
- *Do not use ATF Type T-IV in transmissions with Toyota ATF Type T recommendations.*

CUSTOMER BENEFITS

- 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 Type T-4 effectively protects against varnish, soot and low temperature deposits, as well as it provides outstanding protection of automatic transmission oil coolers against corrosion.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- TOYOTA ATF Type T-IV
- JWS 3309

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

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		Red	ASTM D1500

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.

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.

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.