

ATF Dex-III

PRODUCT DESCRIPTION

Multipurpose automatic transmission fluid (ATF), specially designed in accordance with the revised requirements of GM DEXRON®-III (H) specification for four and five speed automatic transmissions. The product is manufactured using specially treated Group III base stocks with high viscosity index and an additive package, which provides protection against wear and optimal friction performance for smooth gear shifts. Increased stability to physical deterioration and outstanding stability to oxidation allow the retention of initial performance in extended service intervals.

APPLICATION

- The product is designed for many types of hydraulic automatic transmissions by General Motors, Ford Motor Company and many other OEMs before 2006, installed in passenger cars, commercial vehicles and buses with the requirements of GM DEXRON III, Ford MERCON compliant fluids or previous specifications, such as DEXRON II.
- The product may be applied in hydraulic drives and power steering systems.

CUSTOMER BENEFITS

- Due to its balanced characteristics TOTACHI ATF Dex-III provides smooth and noiseless gear shifts.
- The additive combination allows minimizing wear and provides the required friction rate transferring torque and guarantees sufficient antifoaming performance of transmission fluid.
- The retention of low temperature flow rate and oil film strength in high operating temperatures extends transmission system service life.
- ATF Dex-III maintains system cleanliness, it effectively protects against varnish, soot and low temperature deposits, as well as it provides outstanding protection of oil coolers of automatic transmissions.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- General Motors DEXRON®- III (H), III (G), III spec.¹
- Ford MERCON®²

¹For General Motors transmissions of 2006 and later a DEXRON®-VI type ATF is typically required.

² For Ford transmissions after 1996 a MERCON® V type ATF may be required.

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	36,45	ASTM 445
100 °C	cSt	7,25	ASTM 445
Flash point	°C	232	ASTM D92
Pour point	°C	-42	ASTM D97
Density at 30 °C	Kg/l	0,8440	ASTM D4052
Viscosity index		168	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.

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.