



**Product Name:** DEXTÖR ATF HD TES 389

**Application:** Automatic Transmission Fluid

**Quality:** Fully synthetic

**Recommended for:** Volvo equipment that specify 97341 fluids and Allison automatic transmissions where TES 389 or the superseded C3 or C4 fluids are specified

**Drain Interval:** up to 160,000 km

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## Product Overview

**DEXTÖR ATF HD TES 389** is a high-performance automatic transmission fluid designed to meet the stringent requirements of heavy-duty applications. It delivers exceptional thermal stability, extended oil life, and superior wear protection. This product is engineered to meet Allison TES-389 specifications and is suitable for a variety of automotive, industrial, and marine applications.

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## Application

- Designed for Allison on-highway, heavy-duty transmissions requiring TES-389 Schedule One ATF.
- Compatible with most pre-2006 automatic transmissions built by General Motors, Ford Motor Company, and other manufacturers.
- Suitable for use in BMW vehicles with GM 4L30-E 4-speed and GM 5L40-E 5-speed transmissions (gasoline models).
- Usable in power-assisted steering systems where a Dexron-III type fluid is specified.
- Effective as a wide-temperature-range anti-wear hydraulic fluid for mobile, industrial, and marine applications.

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## Performance Benefits

- **Extended Oil Life:** Synthetic base fluid and advanced additives resist oxidation, preventing deposit formation and extending oil change intervals up to four times longer than conventional ATFs.
- **Smooth Operation:** Advanced friction modifiers ensure smooth shifting and efficient power transfer at all temperatures and operating conditions.
- **Maximized Transmission Life:** High viscosity stability and superior antiwear properties protect components, even under severe service conditions.
- **Versatile Applications:** Compatible with a wide range of automatic transmissions, power steering units, and hydraulic systems, minimizing inventory requirements.

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## Meets and Approvals

- Allison C-4
- Allison TES-389 (AA-33902015)
- Weber-Hydraulik
- Bosch TE-ML 09
- Caterpillar TO-2
- Ford Mercon, M2C138-CJ, and M2C166-H
- General Motors DEXRON-III H
- Mercedes-Benz MB 236.5





- Toyota Type T
- ZF TE-ML 04D
- many more

## Typical Properties

Property	Typical Value	Method
Appearance	Visual	Bright and Clear
Color	ASTM D1500	Red
Density @ 15°C (kg/l)	ASTM D4052	0.856
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	34.9
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	7.1
Brookfield Viscosity @ -40°C (mPa.s)	ASTM D2983	13,700
Viscosity Index	ASTM D2270	172
Flash Point (°C)	ASTM D92	220
Pour Point (°C)	ASTM D5950	-51

## Storage and Handling

Store in a cool, dry place away from direct sunlight. Ensure the product is sealed properly when not in use to maintain its performance characteristics.

## Health and Safety

Refer to the Material Safety Data Sheet (MSDS) for detailed health and safety information. Handle used fluid responsibly to protect the environment.

