

# ATF DEXRON III



TOTAL



## Data sheet

A automatic transmission fluid.

### APPLICATIONS

- Transmission fluid approved by General Motors as **DEXRON® III** with the number **G-34017** intended for most automatic transmissions of recent design
- Automatic and powershift transmission and torque converters of passenger cars, light commercial vehicles and industrial vehicles.
- Hydraulic systems where a fluid of type GM DEXRON® III is required.

### PERFORMANCES

OEMs Specifications

Meet the requirements of followings:

- GM DEXRON®-III n° G 34017
- Ford MERCON® n° M 930802
- Allison C-4 n° C4-27003498
- Caterpillar TO-2

### CUSTOMER BENEFITS

- Outstanding resistance to corrosion, foaming, shearing and rust formation.
- High degree of antiwear and extreme pressure properties
- Outstanding friction and heat transfer properties
- Perfect behaviour at low temperature
- Proven compatibility with elastomers (seals)
- Superior oxidation resistance

### CHARACTERISTICS

ATF DEXRON III	Units	
Volumetric mass at 15°C	Kg/m <sup>3</sup>	867
Colour, ASTM	-	6.5
Viscosity at 40°C	mm <sup>2</sup> /s	32.26
Viscosity at 100°C	mm <sup>2</sup> /s	7.1
Viscosity index	-	190
Viscosity Brookfield at 40°C	CP	12600
Flash point Cleveland	°C	183
Pour Point	°C	-48

The typical characteristics represent mean values.

ATF DEXRON III  
13 May 2004

This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.

# FLUIDE AT 75



TOTAL



## Data sheet

Synthetic based oil for automatic transmission

### APPLICATIONS

- Automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles, where the manufacturers required an ATF GM DEXRON®-IIIG/FORD MERCON.
- Suitable for electronically controlled converted clutch/damper clutch
- Hydraulic systems where a fluid of type GM DEXRON®-IIIG is required.

### PERFORMANCES

OEMs Specifications

Meet the requirements of followings genuine oils: (except CVT driven cars)

- DEXRON-II & IIIG/MERCON
- NISSAN MATIC FLUID D, FLUID J
- MITSUBISHI DIA QUEEN ATF SPII, SPIII
- SUBARU ATF
- DAIHATSU ALUMIX ATF MULTI
- TOYOTA ATF TYPE T, TII, T-III, T-IV &D2
- HONDA ATF-II, ATF-Z1
- MAZDA ATF D-III, ATF M-3
- ISUZU BESCO ATF-II, ATF-III
- SUZUKI ATF OIL, ATF OIL SPECIAL

### CUSTOMER BENEFITS

- Excellent friction and anti-shudder performance
- Excellent viscosity stability in operation
- Very low pour point
- Good sheer strength
- Excellent parts material compatibility
- Very good thermal stability
- Excellent resistance to oxidation
- High fretting resistance

### CHARACTERISTICS

FLUIDE AT 75	Units	
Volumetric mass at 15 °C	Kg/m <sup>3</sup>	855
Colour	-	Red
Viscosity at 40 °C	mm <sup>2</sup> /s	35.32
Viscosity at 100 °C	mm <sup>2</sup> /s	7.6
Viscosity index	-	190
Viscosity Brookfield at -40 °C	m Pa.s	15,000
Flash point Cleveland	°C	204
Pour point	°C	-45

The typical characteristics mentioned represent mean values.

FLUIDE AT 75  
13 May 2004

This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.



# TOTAL FLUIDMATIC CVT MV

Automatic transmission fluid

## MAIN FEATURES

**CONTINUOUSLY VARIABLE TRANSMISSION**  
**PASSENGER CARS**  
**FOR BELT & CHAIN CVTs**  
**SYNTHETIC BASE OIL**

### LEVELS

- ✓ JASO 1A
- ✓ Most OEM CVT specifications

## APPLICATIONS

**FLUIDMATIC CVT MV** is an essential component of the Continuously Variable Transmission. Thanks to their outstanding power transmission ratios and fuel economy capability, many manufacturers especially in Asia intend to equip their new vehicles with this kind of transmission.

This lubricant is a high performance, continuously variable transmission fluid designed to meet the service fill use in many Asian, North American and European designed vehicles. This Multi-vehicle fluid has been developed to be used in all belt and chain CVTs

Thanks to this new Multi-vehicle fluid, it provides smoother, consistent all weather step-less shifting, and all-around lubrication protection of the transmission components to help extend transmission service life and provide a smooth driving experience. Highly recommended for refill of pulley-based continuously variable transmissions in Japanese and Korean designed vehicles where it emphasizes on Anti Shudder Durability performance.

## CUSTOMER BENEFITS

- **Outstanding metal-to-metal friction performances:** Fluidmatic CVT-MV provides high static and dynamic metal friction performances and has demonstrated very stable friction performances during endurance tests. These outstanding performances provide intended fuel economy benefits and increase the durability of both, the fluid and the gearbox.
- **Improved anti-shudder durability:** Endurance test has shown that Fluidmatic CVT-MV performs excellent wet clutch performance with less noise, vibration and hardness. That's why Fluidmatic CVT MV suits for CVT equipped with either a torque converter clutch or a wet start clutch.
- **Superior wear protection** on both push-belt and pulleys elements and **very good scuffing resistance** on gears.
- **Excellent low temperature properties** provide easier start-ups and improved lubrication at low ambient temperatures.
- **Very good thermal and oxidation stability** for long and consistent temperature performance.
- **Effective foam control properties** provide consistent shifting performance and reduce fluid losses in severe service.
- **Excellent parts material compatibility**

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## PERFORMANCE APPLICATION LEVELS\*

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- Audi CVT (TL 52180, G052 180 A2)
- BMW CVT (83 22 0 136 376, 83 22 0 429 154)
- Chrysler CVTF+4
- Daihatsu CVT Fluid TC
- Dodge / Jeep CVT (NS-2 / CVTF+4)
- Ford CVT WSS-M2C-933-A (XT-7QCFT)
- Ford (CVT23 / CVT30 / Mercon C)
- Fujijyuuko I-CVTRF FG
- GM/Saturn DEX-CVT
- Honda Multimatic Fluid (HMMF)
- Hyundai / Kia CVT
- Nissan CVT (NS-1, NS-2)
- Mercedes Benz CVT 236.20
- Mini Cooper CVT (EZL 799, EZL 799A)
- Mitsubishi CVTF-J1
- Mitsubishi Diaqueen CVTF-J1
- Nissan NS-2
- Subaru Lineartronic CVT fluid
- Suzuki (TC / NS-2 / CVT Green 1)
- Toyota CVT Fluid TC
- Volvo CVT 4959
- VW CVT (TL 521 80, G 052 180 A2)

\*suitable for use applications.

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## CHARACTERISTICS\*

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Test	Unit	Test method	Result
Colour	-	ASTM D1500	Red
Density at 15 °C	kg/m <sup>3</sup>	ASTM D4052	852
Viscosity kinematic at 40 °C	mm <sup>2</sup> /s	ASTM D445	34
Viscosity kinematic at 100 °C	mm <sup>2</sup> /s	ASTM D445	7.2
Viscosity Index	--	ASTM D2270	185
Brookfield Viscosity at -40°C	cP	ASTM D2983	12 000
Pour Point	°C	ASTM D97	- 45
Flash Point COC	°C	ASTM D92	232

\* The features mentioned above are obtained with a usual tolerance in production and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations.

## RECOMMENDATIONS FOR USE

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Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.

The product should not be stored at a temperature above 60 °C while avoiding exposure to strong sunlight, extreme cold or high temperature variations.

All packages should be protected from bad weather conditions. Otherwise, the drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

## HEALTH, SAFETY AND ENVIRONMENT

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Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed. The information is accessible on request from your local dealer or on the website [www.quickfds.com](http://www.quickfds.com).

This product should not be used for applications other than those for which it is intended.

If disposing of used product, take care to protect the environment and comply with local regulations.



# TOTAL FLUIDMATIC IIIIG

Automatic transmission fluid

## THE ESSENTIAL

**AUTOMATIC TRANSMISSION LUBRICANT**

**POWER STEERING APPLICATION**

**HEAVY DUTY AND PASSENGER CAR APPLICATION**

**SEMI SYNTHETIC BASE OIL**

**VERY GOOD FRICTION PERFORMANCES**

**STANDARD DRAIN INTERVAL**

### LEVELS

- ✓ GM Dexron® IIIIG
- ✓ Ford Mercon®
- ✓ ZF TE ML 14A

## APPLICATIONS

FLUIDMATIC IIIIG is an automatic transmission fluid that meets GM Dexron® IIIIG and Ford Mercon® standards.

This lubricant is formulated with premium base stocks and carefully selected additives to meet the challenging demands of an automatic transmission environment.

FLUIDMATIC IIIIG is a well balanced fluid for heavy duty commercial vehicles and passenger cars equipped with automatic transmissions thanks to friction modifiers, detergent dispersants, oxidation inhibitors, viscosity index improvers, corrosion inhibitors and de-foaming agents.

FLUIDMATIC IIIIG is a high-quality friction-modified lubricant previously qualified by both General Motors and Ford.

## BENEFITS FOR CUSTOMERS

- **Standard drain interval:** it depends on the automatic gearboxes and the application. The lubricant keeps an efficient operation over the full life.
- **Special friction properties:** it ensures smooth gear shifting without shudder.
- **Excellent oxidation stability:** it avoids the deterioration of its properties thanks to an adapted antioxidant and detergent level.
- **Effective Low Temperature Fluidity :** it avoids surge or sudden overload of circuits when starting in very cold weather.
- **Excellent elastomers compatibility:** it prevents oil leakage.

## CHARACTERISTICS\*

Test	Unit	Test method	Result
Colour	-	Visual	Red
Density at 15 °C	kg/m <sup>3</sup>	ASTM D4052	851
Kinematic Viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D445	34
Kinematic Viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D445	7.3
Viscosity Index	--	ASTM D2270	185
Brookfield Viscosity at -40°C	cP	ASTM D2983	< 20,000
Pour Point	°C	ASTM D97	-51
Flash Point COC	°C	ASTM D92	220

\* The features mentioned above are obtained with a usual tolerance in production and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations.

## RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.

The product should not be stored at a temperature above 60 °C while avoiding exposure to strong sunlight, extreme cold or high temperature variations.

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