



# TRiAX Agra SPECIAL VTF

Premium Grade Synthetic Blend Variable Transmission and Hydraulic Fluid (VARIO) for Agricultural Equipment

**PRODUCT  
TECHNICAL  
SHEET**

## Product Description

TRiAX Agra SPECIAL VTF is a specialty high performance synthetic blend fluid designed for agricultural equipment fitted with variable transmissions such as the Fendt Vario as well as a wide variety of other transmissions / hydraulic systems used in agricultural equipment, which have a common fluid reservoir and require wet brake performance. TRiAX Agra Special VTF can also be used in agricultural equipment as an engine oil, where a CF, CG specification is required.

This product features exceptionally high shear stability facilitating continuous reliable performance in these high performance transmissions. TRiAX Agra SPECIAL VTF offers exceptional protection for synchronizers, gears and yellow metals, preventing corrosion, facilitating smooth shifting and maximum torque / power transfer from the engine to the wheels. TRiAX Agra Special VTF contains top of the line EP (Extreme Pressure) additives to protect gears against scuffing, chipping in very high torque, high pressure conditions, guaranteeing long term reliability and performance.

## Benefits and Advantages

- ▶ Designed to meet and exceed the requirements for Fendt Vario variable transmissions
- ▶ Excellent shear stability
- ▶ High quality EP (Extreme Pressure) additives offer unparalleled protection for metal parts
- ▶ Provide excellent demulsibility and rust protection
- ▶ Superior heat transfer properties to maximize continuous work time.
- ▶ Very high viscosity index guarantees exceptional viscosity stability, thus minimum viscosity changes with high temperature. Fluid will not thin out at high temperature operation.
- ▶ Excellent transmission shifting and hydraulic response
- ▶ Virtually zero foaming and excellent aeration capability

## Chemical Properties

TEST / Criteria	Value
Density @ 15°C DIN 51 757 kg/m <sup>3</sup>	0.8790
Viscosity, Kinematic cSt at 40°C mm <sup>2</sup> /s	96.90
cSt at 100°C mm <sup>2</sup> /s	14.3
Viscosity Index	148
Dynamic Viscosity @ 25°C ASTM D5293 mPa.s	6450
Flash Point Celsius	212
Pour Point Celsius	-39
TBN mg KOH/g	11.50
Color	Redish Gold



## Available Packaging

- 55 US gal (208 Liters)
- 5 US gal (18.2 Liters)

## Specifications and Approvals

### Transmissions , Gear Boxes & Hydraulic System

- ▶ FENDT Vario variable transmissions
- ▶ ACEA E3-96 v Ford M2C 159B & C
- ▶ API GL-4 v Allison C-4
- ▶ HVLP-D 68 acc. DIN 51 524 part 3
- ▶ John Deere JDM 27
- ▶ Massey Ferguson M 1139 / 1144 / 1145
- ▶ Caterpillar TO-2
- ▶ Case NH MAT 3525 / 3526 v ZF TE-ML-06A / -06B / -06C / -07B

## Applications

TRiAX Agra SPECIAL VTF is recommended for high performance variable transmissions in use for agricultural applications such as Fendt Vario transmissions.

This fluid is also recommended for a variety of hydraulic systems, hydrostatic / hydraulic transmissions, and gear systems used in agricultural applications per the specifications above.

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