



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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## PRODUCT DATA SHEET

### UNIVERSAL CVT TRANSMISSION FLUID

#### PRODUCT DESCRIPTION

**Hi-Tec Universal CVT Transmission Fluid** is a premium synthetic Continuously Variable Transmission (CVT) fluid designed for use in a wide variety of vehicles.

Continuously Variable Transmissions can be chain or belt driven. Both types of CVTs operate through a torque converter where high metal to metal contact occurs. Particular friction characteristics need to be maintained to provide the optimum power transmission from the engine to drive the vehicle.

This friction is very damaging and can cause deterioration in the lubricants' performance. Lubricants need to maintain excellent anti shudder, shear stability, anti foaming, anti oxidant and scuff resisting performance to provide a long trouble free working life.

**Hi-Tec Universal CVT Transmission Fluid** has these optimized metal to metal friction characteristics designed to maximize the performance of the torque converter. It also has excellent anti-shudder, anti scuffing and shear stability performance which help maintain the viscosity characteristics of the lubricant.

**Hi-Tec Universal CVT Transmission Fluid** also has excellent anti-foaming characteristics allowing better power transmission with less lubricant oxidation and component wear resulting in a prolonged fluid life, generally of 30,000 kms.

The performance of **Hi-Tec Universal CVT Transmission Fluid** has been successfully demonstrated in varying types of CVTs with road tests in numerous vehicles including Jeep Patriot, Subaru Outback, Ford Freestyle (full sized crossover SUV), and Honda Civic Hybrid.

#### APPLICATION

**Hi-Tec Universal CVT Transmission Fluid** is suitable for use in many CVT transmissions including the following:

- Audi/VW Chain (TL 52180; G 052 180; G 052 516)
- BMW (8322 0 136 376, 8322 0 429 154, EZL 799A)
- Daihatsu Ammix (CVTF-DC, CVTF DFE\*)
- Dodge/Jeep/MOPAR/Chrysler (NS-2, CVTF 4, CVTF+4)
- Ford Chain and Belt (CVT23, CVT30, Mercon C, WSS-M2C 933-A, XT-7-QCFT)
- GM/Saturn (DEX-CVT, CVTF I-Green 2\*)
- Honda (HMMF, HCF-2, CVT-F 05)
- Hyundai / Kia (SP-CVT 1)
- Mazda (CVTF, CVTF 3320)
- Mercedes Benz (236.20, CVT28)
- Mini Cooper (EZL 799A, ZF CVT V1)
- Mitsubishi Diaqueen (CVTF-J1, CVTF-J4\*)
- Nissan (NS-1, NS-2, NS-3\*)
- Punch (EZL 799A)
- Shell (Green 1V)
- Subaru (NS-2, Lineartronic CVTF, K0425Y0710, High Torque CVT Fluid, CV-30, e-CVT, i-CVT)
- Suzuki (TC, NS-2, CVTF Green 1, CVTF 3320, CVTF Green 2\*)
- Toyota/Lexus (TC, CVTF FE\*)
- Volvo (CVT 4959)

\*Low viscosity CVT fluid



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**Hi-Tec Universal CVT Transmission Fluid** is **NOT** suitable for certain types of CVTs including Ford and Toyota Hybrid CVT (which require an ATF) and Mitsubishi and Hyundai/Kia CVT requiring SP-III fluids.

Always consult your vehicle owner's manual for the manufacturer's lubricant recommendations.

### TYPICAL PROPERTIES

Property	ASTM Method	Results
Colour	Visual	Red
Density @ 15°C, Kg/L	ASTM D-4052	0.855
Viscosity @ 40°C, cSt	ASTM D-445	33.68
Viscosity @ 100°C, cSt	ASTM D-445	7.17
Viscosity Index	ASTM D-2270	184
Brookfield @ -40C, cP	ASTM D-2983	9570
Foaming Characteristics, mls	ASTM D-892	0/0, 10/0, 0/0
FZG scuffing @90°C, Stage	ASTM D-5182	11
FZG wear @150°C, Stage	ASTM D-5182	11
TBN, mg KOH/g	ASTM D2896	2.1

**Available in:** Bulk, 20 Litres, 5 Litres and 1 Litre

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

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