Tech Data

DURADRIVE™ CVT MV SYNTHETIC TRANSMISSION FLUID

MULTI-VEHICLE CONTINUOUSLY VARIABLE TRANSMISSION FLUID (CVTF)

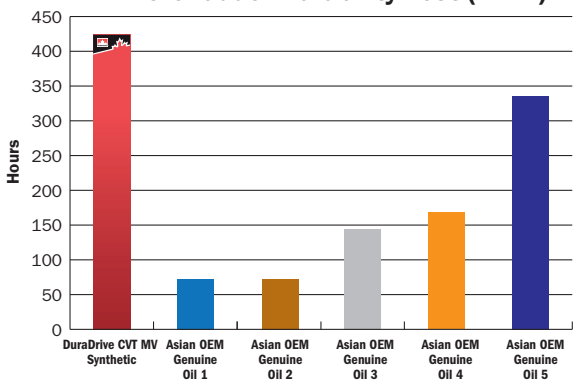
Introduction

DuraDrive™ CVT MV Synthetic is a full synthetic high viscosity Continuously Variable Transmission Fluid that offers true multi-vehicle performance, outstanding wear protection, and exceptional fluid life. DuraDrive CVT MV Synthetic provides the frictional properties, wear protection and viscometrics needed by most major North American and Asian continuously variable transmissions. It is specially formulated to provide stable and precise friction balance for belt and chain CVTs while delivering strong anti-shudder durability over a long fluid life. DuraDrive CVT MV Synthetic benefits include excellent oxidation and shear stability, outstanding wear protection, strong and long lasting foaming control and reliable low temperature fluidity. It also provides superior anti-shudder durability (ASD) and high and stable metal-to-metal friction performance when compared to many genuine OEM fluids. DuraDrive CVT MV Synthetic uses Petro-Canada's 99.9% pure PURITY™ VHVI synthetic base oils. Used in combination with leading edge additive technology this allows DuraDrive CVT MV Synthetic to retain its "fresh oil" properties longer, thereby delivering exceptional performance and savings. DuraDrive CVT MV Synthetic also provides savings through inventory consolidation by offering true multi-vehicle performance.

Features and Benefits

- **Excellent anti-shudder durability and high stable metal-to-metal friction properties**
  - Maintains transmission efficiency and fuel economy
  - Prevents CVT shudder while maintaining adequate belt/pulley grip
  - Retains friction properties for longer time

DuraDrive CVT MV Synthetic vs. Asian OEM Genuine CVT fluids
Anti-Shudder Durability Test (LVFA)

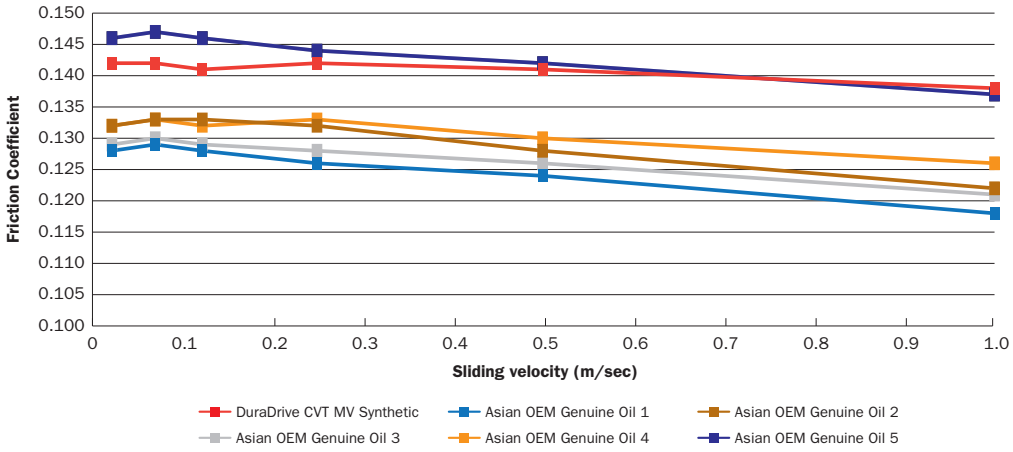


DuraDrive CVT MV Synthetic shows superior performance with extended shudder control when compared to OEM Genuine CVT fluids.

What is the HT difference?

Petro-Canada Lubricants starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.

DuraDrive CVT MV Synthetic vs. Asian OEM Genuine CVT fluids
Metal to Metal Friction Performance (LFW-1 Test)



DuraDrive CVT MV Synthetic has high and stable metal-to-metal friction providing reliable power transmission.

- **Outstanding protection against wear**
  - Reduces wear of belt/chain elements and pulley
  - Extends transmission life
  - Prevents micro-pitting in chain/pulley arrangements

- **Superior foaming control**
  - Strong and long lasting anti-foam performance
  - Ensures proper lubrication of the belt and pulleys

- **Excellent resistance to oxidative and thermal breakdown**
  - Prevents corrosion and the formation of harmful sludge and deposits
  - Keeps transmissions clean & functioning properly
  - Excellent oxidation resistance and low volatility

- **Reliable low/high temperature fluid performance**
  - Delivers quick lubrication of transmission components in cold weather
  - Maintains desired viscosity & oil film strength in high temperature operation
  - Efficient heat removal from belt/chain and pulley extending CVT life

- **Compatible with CVT transmission seal materials**
  - Helps to maintain seal integrity and prevents leaks

Applications

DuraDrive CVT MV Synthetic is suitable for use in a wide range of North American, Asian, and European continuously variable transmissions with belt/pulley or chain/pulley arrangements.

Please consult the Application Charts to view the applications listed where DuraDrive CVT MV Synthetic would be suitable.

DuraDrive™ CVT MV Synthetic (Continuously Variable Transmission Fluid) Applications Table:

Application	High Viscosity Specification/Vehicle	DuraDrive™ CVT MV Synthetic	Low Viscosity Specification/Vehicle[2]	DuraDrive™ CVT MV Synthetic
Passenger Car - North American OEM	Chrysler (FCA) CVTF+4®	SFU		
	Ford MERCON® C (WSS-M2C 933-A)	SFU		
	Ford WSS M2C 928-A	SFU		
	GM DEX CVT, GM CVT	SFU		
Passenger Car - Asian OEM	Daihatsu AMMIX CVTF-DC	SFU	Daihatsu AMMIX CVTF-DFE	SFU
	Honda HMMF (without wet clutch)	SFU	Honda HCF-2	SFU
	Honda Z-1	No		
	Hyundai/Kia SP CVT-1	SFU		
	Mazda CVTF 3320	SFU		
	Mitsubishi DiaQueen CVTF J1	SFU	Mitsubishi DiaQueen CVTF J4	SFU
			Mitsubishi Diamond ATF SP III	SFU
	Nissan NS-1, NS-2	SFU	Nissan NS-3	SFU
	Subaru e-CVTF, i-CVTF, i-CVT FG	SFU		
	Subaru Lineartronic CV-30, CVTF-II	SFU		
	Subaru High torque CVTF	SFU		
	Suzuki CVT Fluid Green1 (Shell Green 1V)	SFU	Suzuki CVT Fluid Green2	SFU
	Suzuki CVTF 3320	SFU		
			Toyota FE	SFU
	Toyota TC	SFU	Toyota WS (for e-CVT only)	SFU
Passenger Car - European OEM	Audi TL 52180 (G 052 180)	SFU		
	Audi TL 52516 (G 052 516)	SFU		
	BMW EZL 799A (BMW Mini Cooper EZL 799A)	SFU		
	Mercedes-Benz MB 236.20	SFU		
	VW TL 52180 (G 052 180)	SFU		
	VW TL 52516 (G 052 516)	SFU		
Other Transmission Applications	Planetary Stepped Automatic Transmission, DCT	No		

Notes:
1. Suitable For Use (SFU) = Supporting data is available to demonstrate acceptable performance (not OEM approved).
2. DuraDrive CVT MV Synthetic is a high viscosity formulation and does not meet the viscosity specification of these low viscosity specifications.
3. DuraDrive CVT MV Synthetic is not suitable for use on e-CVT designs where the use of planetary stepped automatic transmission fluid is recommended.
4. DuraDrive CVT MV Synthetic is not recommended for conventional stepped automatic transmissions or dual-clutch transmissions (DCT).

Typical Performance Data

PROPERTY	ASTM TEST METHOD	DuraDrive CVT MV Synthetic
Density, kg/l @ 15°C (60°F)	ASTM D4052	0.846
Colour	Visual	Green
Flash Point, COC, °C / °F	ASTM D92	217 / 423
Pour Point, °C / °F	ASTM D5950	-51 / -60
Viscosity, cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	ASTM D445	 35.9 / 168 7.2 / 50
Viscosity Index	ASTM D2270	172
Brookfield Viscosity, cP @ -40°C (-40°F)	ASTM D2983	11,200
Product Identification Code		DDMVCVT

The values quoted above are typical of normal production. They do not constitute a specification.

To order product or to learn more about how Petro-Canada Lubricants can help your business visit: **lubricants.petro-canada.com** or contact us at: **lubecsr@petrocanadalsp.com**

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ISO 14001
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