

TECH DATA

DURADRIVE™ DCT MV SYNTHETIC TRANSMISSION FLUID

Multi-Vehicle Wet Dual Or Double Clutch Transmission Fluid (DCTF)

INTRODUCTION

DuraDrive™ DCT MV Synthetic is a full synthetic transmission fluid for wet dual or double clutch transmissions that offers true multi-vehicle performance. This fluid has been formulated to meet the unique performance requirements of dual clutch transmissions. The optimized formulation delivers optimum frictional response to meet the requirements of the clutches and excellent loadcarrying capacity and synchromesh performance for protection of the gearbox. DuraDrive DCT MV Synthetic provides excellent gear wear and corrosion protection, extended anti-shudder durability and reliable low temperature fluidity ensuring the transmission is protected over the life of the fluid for most dual clutch transmissions.

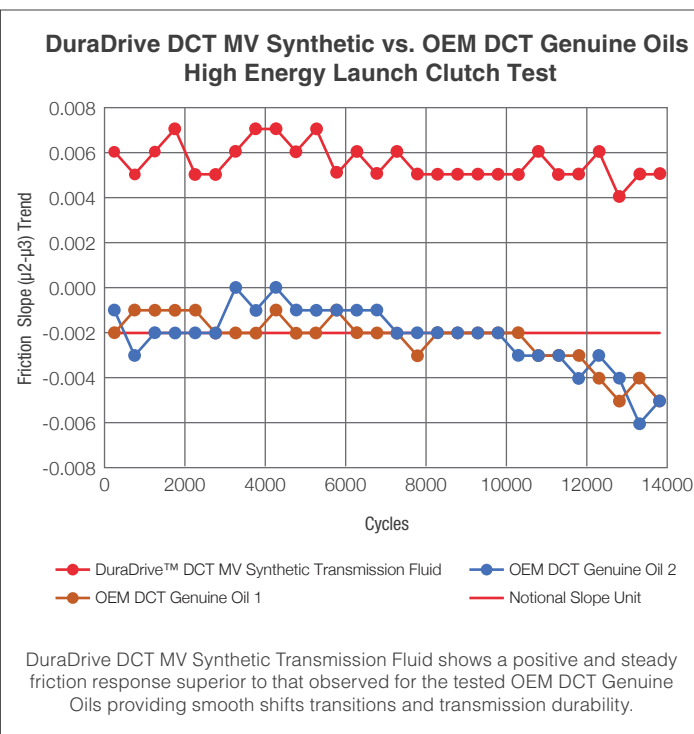
It was engineered with a careful balance between viscosity and gear wear protection to deliver fuel economy and optimal lubrication to gears, shafts, bearings and synchronizers. DuraDrive DCT MV Synthetic benefits include excellent thermal, oxidative and shear stability, outstanding wear protection, strong corrosion protection and reliable low temperature fluidity. It also provides superior anti-shudder durability (ASD) and friction performance when compared to many genuine OEM fluids.

DuraDrive DCT MV Synthetic uses highly refined synthetic base oils. Used in combination with leading edge additive technology this allows DuraDrive DCT MV Synthetic to retain its “fresh oil” properties longer, thereby delivering exceptional performance and savings. DuraDrive DCT MV Synthetic also provides savings through inventory consolidation by offering true multi-vehicle performance.

FEATURES AND BENEFITS

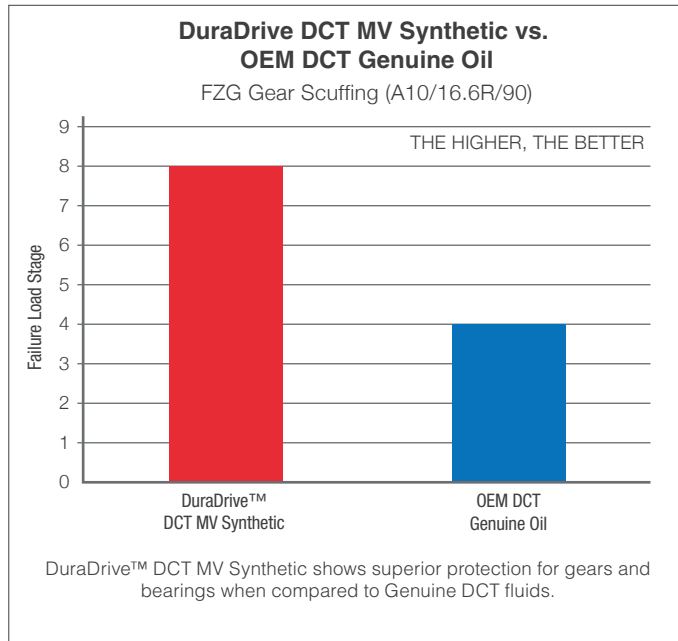
Excellent anti-shudder durability and high stable friction properties

- Improves shift comfort and driveability
- Maintains transmission efficiency and fuel economy
- Retains friction properties for longer time
- Ensures good synchronizer friction performance
- Provides proper start-up with controlled clutch engagement/disengagement



Outstanding protection against wear

- Extends transmission life
- Excellent shear stability to maintain film thickness in high shear conditions of the gear mesh



Superior foaming control

- Strong and long lasting anti-foam performance
- Ensures proper lubrication of the transmission
- Avoids cavitation in the hydraulic system

Excellent resistance to oxidative and thermal breakdown

- Prevents corrosion and the formation of harmful sludge and deposits
- Keeps transmissions clean & functioning properly
- Minimizes damage to hydraulic and actuator systems
- 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 operating temperatures around clutches
- Provides adequate cooling for the entire system

Compatible with DCT transmission seal materials

- Helps to maintain seal integrity and prevents leaks

APPLICATIONS

DuraDrive DCT MV Synthetic is suitable for use in a wide range of European, Asian, and North American wet dual or double clutch transmissions. Please consult the Application Charts to view the applications listed where DuraDrive DCT MV Synthetic would be suitable.

DURADRIVE™ DCT MV SYNTHETIC**(WET DUAL CLUTCH TRANSMISSION FLUID) APPLICATIONS TABLE:**

Application	Specification/Vehicle SFU claims
Passenger Car - North American OEM	Chrysler BOT 341 (Power shift 6-speed)
	Ford WSS-M2C936-A
Passenger Car - Asian OEM	BYD TL 52182 (G 052 182)
	FAW TL 52182 (G 052 182)
	Mitsubishi MZ320065 DiaQueen SSTF-I
	Nissan (WSS-M2C936-A) 999MP-GTRT00P
	SAIC TL 52182 (G 052 182)
Passenger Car - European OEM	Audi TL 52182 (G 052 182)
	Audi TL 52529 (G 052 529)
	Audi TL 55529 (G 055 529)
	Audi TL 52532 (G 052 532)
	Audi TL 55532 (G 055 532)
	BMW 83 22 2 148 578
	BMW 83 22 2 148 579
	BMW 83 22 0 440 214
	BMW 83 22 2 147 477
	Citroën 9734.S2
	Mercedes-Benz MB 236.21 (001 989 85 03)
	Mercedes Benz MB 236.24 (002 989 04 03)
	Mercedes Benz MB 236.25 (001 989 86 03)
	Mercedes Benz MB 239.21 (000 989 20 02)
	Peugeot 9734.S2
	Porsche oil No 999.917.080.00
	Renault BOT 450 (6-speed)
	Seat TL 52182 (G 052 182)
	Skoda TL 52182 (G 052 182)
	VW TL 52182 (G 052 182)
VW TL 52529 (G 052 529)	
VW TL 55529 (G 055 529)	
VW TL 52532 (G 052 532)	
VW TL 55532 (G 055 532)	
Volvo 1161838, 1161839	

• Suitable For Use (SFU) = Supporting data is available to demonstrate acceptable performance (not OEM approved).

• DuraDrive DCT MV Synthetic is not recommended for manual transmissions, conventional stepped automatic transmissions, continuously variable transmissions (CVT) or e-CVT.

TYPICAL PERFORMANCE DATA

Property	Test Method	DURADRIVE DCT MV SYNTHETIC
Density, kg/l @ 15°C (60°F)	ASTM D4052	0.85
Colour	Visual	Amber
Flash Point, COC, °C / °F	ASTM D92	206/403
Pour Point, °C / °F	ASTM D5950	-51 / -60
Viscosity, cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	ASTM D445	35/178 6.9/49
Viscosity Index	ASTM D2270	161
Brookfield Viscosity cP @ -40°C (-40°F)	ASTM D2983	16,600
Product Identification Code		DDMVDCT

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

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 Contact us: lubecsr@hfsinclair.com

Committed to the disciplined operation of our business.



Petro-Canada Lubricants Inc.
 2310 Lakeshore Road W. Mississauga, Ontario, Canada L5J 1K2
lubricants.petro-canada.com

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