

Description

RoadMaster Auto Multi DCT is a premium quality full synthetic DCT fluid blended to suit the frictional requirements and improved shifting at all ambient temperatures of a wide range of Dual Clutch Transmissions of most of the major manufacturers.

Applications

RM Auto Multi DCT was formulated to meet the service fill requirements of many of the dual Clutch Transmissions used by the Automotive Industry. A recommended list of Manufacturers and Transmissions can be found on page 2 of this data sheet.

A Dual Clutch Transmission is a type of semi-automatic or automated manual automotive transmission. It uses two separate clutches for odd and even gear sets. It can be described as two manual transmissions contained within one housing and working as one unit. They are usually operated in a fully automatic mode, and many also have the ability to allow the driver to manually shift gears, albeit still carried out by the transmission's electro-hydraulics.

Features & Benefits

RM Auto Multi DCT: is formulated in full synthetic base stocks to meet or exceed the requirements of the latest vehicles and specifications.

The benefits of Auto Type MV DCT are:

- Improved fuel economy, effectively prolonging oil drainage, reducing operation costs
- Excellent heat dispersal for the system
- Excellent oxidation stability, reducing formation of oxide
- Superior wear characteristics whilst maintaining strong friction.
- Excellent frictional properties providing smoother operation
- Superior anti-shudder and friction durability.
- Greater lubrication and protection of the clutches, gears, shafts, synchronizers and bearings
- Excellent shear stability providing long service life
- Excellent hydraulic actuation of clutches and gear changes
- Protection of the transmission against wear and corrosion

Specifications

Properties	Method	Result
Specific Gravity @ 20°C	ASTM D1298	0.856
Kinematic Viscosity @ 40°C	ASTM D445	33.7
Kinematic Viscosity @ 100°C	ASTM D445	6.9
Viscosity Index	ASTM D2270	170.1
Brookfield Viscosity @ -40°C cP	ASTM 789	11200

Performance Levels

RM Auto Multi DCT – Service Fill Applications			
Manufacturer	Vehicle Model	Transmissions	Specifications
Audi	A3, TT	DQ250, DQ500	VW TL 052182
Audi	A4, A5, A6, A7, Q5	DL501, DL382	VW TL 052529
BMW (Getrag)	1, 3, 5, 6 series, Z4, X1	7DCI600, DCI700	83 22 2 148 578 &579 83 22 0 440 214 83 22 2 147 447
Citroen	DS5, C5 C4, C-Crosser	6DCT451	Peugeot/Citroen 9732.S2
Ford / Getrag	Fiesta, Focus, Mondeo, B-Max, C- Max, S-Max, Galaxy, Transit	6DCT450, 6DCT451,6DCT300	Ford M2C936A
Honda	Spirior	8 Speed Wet DCT	
Mercedes Benz	A-Class, B-Class	F-DCT350, F-DCT500	MB 236.21 (001 989 85 03)
Mitsubishi	Outlander	6DCT470	MZ3200065 Dia-Queen SSTF-1
Nissan	Qashqai	6DCT451	Ford m2C936A
Peugeot	4007, 5008	6DCT451	Peugeot/Citron 9734.S2
Porsche (ZF)	Boxter, Cayman, 911, Panamera	ZF 7DT45HL, 7DT45HLA, 7DT45FI, 7DFL, 7DT07HLA, 7Dt75, 7DT75A	Porsche Oil No. 999.917.080.00
Seat	Ibiza, Toledo, Leon, Altea	DQ250, DQ500	VW TL 052 182
Skoda	Fabia, YEB, Octavia, Superb	DQ250, DQ500	VW TL 052 182
Volkswagen	Golf, Golf Plus, Eos, Scirocco, Caddy, Touran, Tiguan, Passat, CC, Phideon, Transporter, Sharan	DQ250, DQ500, DQ380, DQ381, DL382	VW TL 052 182
Volvo	C30, S40, S60, V40, V50, V60, V70, S80, XC30, XC60	6DCT450	1161838 1161839

Master Item# 1205

Pack Size Availability: 5L, 20L & 200L

Last Updated: 30th November 2023
Previously Updated: 4th March 2021