

4516.00

# DCT Transmission Fluid

**Fully synthetic lubricant specific for Dual Clutch Transmissions with wet clutches. It can also be used in several Dual Clutch Transmissions with dry clutches.  
Suitable also for latest generation hybrid vehicles.**

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PAKELO DCT TRANSMISSION FLUID is a special fully synthetic lubricant exclusively developed for Dual Clutch Transmissions (DCTs) with both wet and dry clutches.

New generation Dual Clutch Transmissions require high technology lubricants to satisfy extremely demanding requirements both for mechanical and automatic transmissions.

PAKELO DCT TRANSMISSION FLUID provides the following main properties:

- very high thermal-oxidative resistance;
- excellent fluency at low temperatures;
- superior EP and anti-wear properties that allow to enhance transmission life;
- excellent protection from corrosion and great anti-rust and antifoam characteristics;
- outstanding reduction of sludge and deposits thanks to high detergent and dispersant properties;
- very high shear stability even under high mechanical stresses: this keeps the viscosity properties of the lubricant very close to the starting conditions;
- long lasting correct friction coefficient requested by this kind of transmissions: this avoids vibration phenomena and allows correct gear shifting;
- long lasting correct friction coefficient also in extreme working conditions;
- compatibility with gaskets;
- longer oil drain intervals also in extreme working conditions.

Oil drain intervals are usually specified by OEMs.

Their recommendations should be taken into consideration to guarantee transmission reliability.

PAKELO DCT TRANSMISSION FLUID is perfectly compatible with all the lubricants that have the same application.

However, we recommend to avoid mixing it with other products for not undermining its exceptional properties.

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## Application fields

PAKELO DCT TRANSMISSION FLUID is a lubricant exclusively developed for Dual Clutch Transmissions of cars.

The product is thus suitable for use in several Dual Clutch Transmissions with wet both wet and dry clutches.

The product is also recommended for Dual Clutch Transmissions of latest generation hybrid cars, for which there is the need to handle special and more stressing operating duty cycles.

**Warning:** this product is not suitable when requested ATF fluids (lubricants for automatic transmissions traditionally designed with torque converter and planetary gears) or CVTs (Continuously Variable Transmissions) fluids.

## Pakelo Recommendations

**Audi/Seat/Skoda/VW** G 052 171 / G 052 182 / G 052 512 / G 052 529 / G 055 529, **BMW** 8322 0 440 214 / 8322 2 147 477 / 8322 2 148 578 / 8322 2 148 579 / 8322 2 167 666 / 8322 2 433 157, **Bugatti** Veyron, **Chrysler/Dodge** 68044345EA, **Citroen** 9734.S2, **Ferrari** TF DCT-F3, **Fiat** 9.55550-MZ-6, **Ford** M2C936A (WSD-M2C200-D2), **Ford** USA XT-11-QDC / 1 490 761 / 1 490 763 / WSS-M2C218-A1 / F-DC / KU7J M2C218AA, **MB** 235.73 (A 001 989 98 03 09) / 236.21 (A 001 989 85 03) / 236.22 (A 000 989 61 04)\* / 236.24 (A 002 989 04 03) / 236.25 (A 001 989 86 03) / 239.21 (A 001 989 85 03)\*, **Mitsubishi** Dia Queen SSTF-I (MZ320065) / TC-SST 6-speed, **Nissan** Transmission Oil R35 Special (999MP-GTRT00P), **Peugeot** 9734.S2, **Porsche** 999 917 080 00 / 999 917 080 01 / 000 043 207 29 / 000 043 207 30 / 0000043020, **Renault** EDC Transmission / 77 11 785 243 / 77 11 579 594, **Volkswagen** TL 52182 / TL 52512 / TL 52529 / Golf GTE DQ400E , **Volvo** 1161838 / 1161839. (\*) *low viscosity.*

## Chemical-Physical Characteristics

DCT Transmission Fluid	Method analysis	Unit measure	Value
Density at 15°C	ASTM D1298	kg/l	0,848
Kinematic Viscosity at 40°C	ASTM D445	cSt	33,1
Kinematic Viscosity at 100°C	ASTM D445	cSt	6,9
Viscosity Index	ASTM D2270	-	175
Brookfield Viscosity at -40°C	ASTM D2983	cP	12.800
Flash Point (C.O.C.)	ASTM D92	°C	190
Pour Point	ASTM D97	°C	< -40
Test FZG (A/8,3/120) Failure Load Stage	ASTM D5182	stage	10

*The data just above refer to average values and must not be understood as guaranteed characteristics.*

*This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.*