



G-Box DCT



Synthetic oil



Dual clutch transmissions (DCT)



Protection of parts against wear



Oxidation stability



Low temperature properties



Frictional properties



Corrosion protection

G-Box DCT is a synthetic transmission oil designed for use in dual-clutch transmissions (DCT) in passenger cars of European and Asian brands. Due to synthetic base, it has excellent resistance to oxidation and sludge formation and a wide application temperature range. The oil provides optimal frictional properties, thermo-oxidative stability for reliable operation of gear parts and wet clutch throughout the entire oil replacement interval.

Application



- For 6- and 7-speed dual-clutch transmissions (DCT), dry or wet, in passenger cars, civil and racing cars, SUVs, minivans (according to the manufacturers' recommendations)
- Not intended for use in automatic transmissions (ATF), variable transmissions (CVT) and power steering

Advantages

Adaptive G-Box DCT technology based on synthetic components with the use of special additives ensures high efficiency and performance of automatic DCT transmissions:

Properties	Advantages/potential benefits
High wear protection	Reduced wear rate of parts – maximization of DCT life
High thermo-oxidative stability	Minimizes acid and sludge build-up in the system – reduction of the likelihood of DCT failure
Optimal frictional properties	Ensures smooth gear shifting, absence of vibration and shocks during operation – increase in efficiency, driving comfort
Excellent viscosity-temperature properties	Optimum viscosity in a wide temperature range – reliable operation of the units in harsh climatic conditions
Excellent pumpability at low temperatures	Timely oil delivery to all DCT parts in winter conditions – fast return to viscosity performance

Typical characteristics

Parameters	Value	Method
Kinematic viscosity, mm ² /s at 40 °C at 100 °C	35,5 7,1	ASTM D 455 ASTM D 455
Viscosity index	167	ASTM D 92
Open cup flash point, °C	226	ASTM D 92
Pour point, °C	-52	ASTM D 97
Dynamic viscosity -40 °C, mPas	15030	ASTM D 2983
Density at 15 °C, kg/m ³	846	ASTM D 1298

Applicable, where required

- BMW 6-speed DCT
- BMW Drivelogic 7-speed/ DCTF-1
- BMW MTF LT-5
- Borg Warner
- Chrysler 68044345 EA & GA
- Ferrari TE DCT-3
- Ford WSS-M2C936A
- Mitsubishi MZ320065 Dia Queen SSTF-1
- Nissan Powershift 6-speed (GFT)
- Peugeot/ Citroen 9734.S2
- Porsche Oil № 999.917.080.00
- Renault EDC 6-speed (Getrag)/ EDC-7
- Volvo 1161838/ 1161839
- VW TL 052 182/ G 052 182/ G 052 529

Certified

ISO 9001



ISO 14001



ISO 45001

