G-Box CVT LV

Synthetic oil

Stepless automatic transmission (variator)

Protecting parts from wear and tear

Improved low temperature properties

Optimum coefficient of friction

Stability against oxidation

G-Box CVT LV is a special low-viscosity gear oil designed for use in stepless (variator) gearboxes of passenger cars manufactured in Japan, China and Europe. Due to the use of synthetic base, it has improved low-temperature characteristics, excellent resistance to oxidation and formation of deposits, as well as a wide range of application temperatures. Complex additive package, created for the latest models of variators, ensures optimal operation of friction pairs (“metal-to-metal” and “metal-to-non-metal”), reliable operation of gear and torque converter parts throughout the entire oil change interval.

Application



- Stepless transmissions (variators) of the latest generations. Passenger cars, crossovers, SUVs, minivans of Japanese, Chinese and European production.
- Not intended for use in Extroid CVT, hydromechanical automatic transmissions (AT), robotic transmissions (DCT) and power steering units (PSU).

Advantages

G-Box CVT LV technology based on synthetic components with the use of modern additive package allows to provide high efficiency and performance of variators:

Characteristics	Advantages/potential benefits
Improved wear protection	Reduced wear rate of components - extending variator service life.
Increased thermo-oxidative stability	Minimize formation of oxidation products and deposits in the system - less chance of variator failure, longer service life.
High friction characteristics	Provides reliable torque transmission - reducing slippage between belt and pulley, increasing efficiency and reducing unit heating.
Excellent viscosity-temperature characteristics	Optimum viscosity over a wide temperature range - reliable operation of units in harsh climatic conditions.
Excellent pumpability at low temperatures	Timely oil supply to all variator parts in winter conditions.

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The information given above is typical for the currently manufactured products. Due to ongoing research and development works the information contained in the document is subject to change. Information on the safe use of the product can be found in the Safety Data Sheet. More detailed information can be obtained from the company's technical experts.
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Typical characteristics

Indicators	Value	Method
Kinematic viscosity, mm^2/s at 40 °C at 100 °C	 27,2 5,8	 ASTM D 455 ASTM D 455
Viscosity index	165	ASTM D 2270
Pour point, °C	-50	ASTM D 97
Brookfield dynamic viscosity, at - 40 °C, mPa-s	8 200	ASTM D 2983
Density at 15 °C, kg/m^3	840	ASTM D 1298
Flash point, COC, °C	Min. 165	ASTM D 92

Specifications

- Toyota CVT FE
- Lexus Fluid FE
- Nissan NS-3
- Renault ELFMATIC CVT
- Mitsubishi CVTF-J4, J4+
- Honda HCF-2 (08200-HCF2)
- Suzuki CVT Green 2
- Daihatsu AMMIX CVTF DFE
- Chery CVT WCF-1 (025CHA)
- Punch CVT VT3+/ VT3S

The company's management system is certified in accordance with the international standards

ISO 9001 **ISO 14001** **ISO 45001**

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