

G-Box CVT

Continuously Variable Transmission Fluid



Synthetic



Continuously variable transmissions



Antiwear properties



Oxidation Stability



Low-temperature properties

G-Box CVT is high performance continuously variable transmission fluid designed for modern variable transmissions. It is formulated with premium synthetic base stocks, long-life friction modifiers, special anti-wear additives, and shear stable viscosity modifiers. G-Box CVT is recommended for use in most belt and chain-driven continuously variable transmissions.

Applications



- Modern continuously variable transmissions
- Not recommended for Hybrid CVT units (Toyota and Ford)

| Features | Advantages and Potential Benefits |
|---|---|
| Enhanced friction properties | Excellent wet clutch performance with less noise, vibration and hardness for increased durability of fluid and gearbox |
| Good anti-wear properties | Increased protection of push-belts, pulleys elements and gears under extreme loads, high operation temperature and high speed conditions for long transmission life |
| Excellent thermal and oxidation stability | Reduced deposits and sludge build-up help provide outstanding transmission performance even under severe driving conditions |
| Excellent low temperature performance | Good fluidity at low temperatures providing good cold-start shifting |
| Effective foam control | Consistent shifting performance and reduce fluid losses in severe service |
| Compatible with all common seal materials | Excellent leakage control |

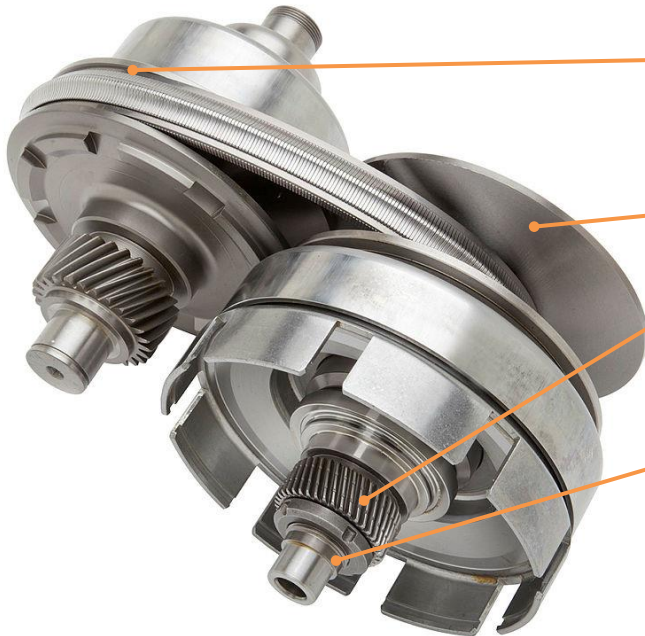
Meets the requirements:

- Audi G 052 180
- Daihatsu Amix CVTF DFE, Amix CVTF-DC
- Dodge/Jeep CVTF+4, NS-2
- Ford CVT 23, CVT 30
- Ford MERCON C
- General Motors Saturn DEX-CVT
- Honda HMMF & HFC 2
- Hyundai Genuine CVTF
- KIA SP-III
- Mazda CVTF 3320
- MB 236.2
- Mini Cooper EZL 799
- Mitsubishi CVTF-J1, CVTF-J4, SP III
- Nissan NS-2, NS-3
- Punch Powertrain CVTF EX-1, CVT-PPT, EZL799A, CVTF
- Subaru NS-2
- Suzuki CVT Green 1, Green 2, NS-2, TC
- Toyota CVT FE, TC
- VW/Audi G 052 180, G 052 516

Typical Characteristics

| Properties | Method | G-Box ATF CVT |
|--|------------|---------------|
| Color | visually | red |
| Kinematic Viscosity @40°C, mm ² /s | ASTM D445 | 33,0 |
| Kinematic Viscosity @100°C, mm ² /s | ASTM D445 | 7,1 |
| Brookfield @-40°C, mPa·s | ASTM D2983 | 8500 |
| Viscosity Index | ASTM D2270 | 186 |
| Flash Point (COC), °C | ASTM D92 | 204 |
| Pour Point, °C | ASTM D97 | -48 |
| Density @15°C, kg/m ³ | ASTM D4052 | 853 |

G-Box ATF CVT performance benefits



Excellent CVT performance:

Increased durability of fluid and gearbox – metal on metal friction coefficient 25% higher (LFW-1 JASO M358)

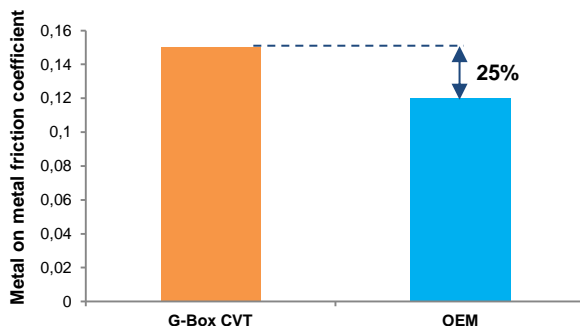
Wear protection:

Strong protective oil film
 – scuffing load capacity 20% higher (FZG ASTM D5182 A/8.3/150);
 – damaged area due to scoring 2 times smaller (FZG ASTM D5182 C/9/90)
 – 3-element disk wear 17% lower (VSFT 3-Element Test)

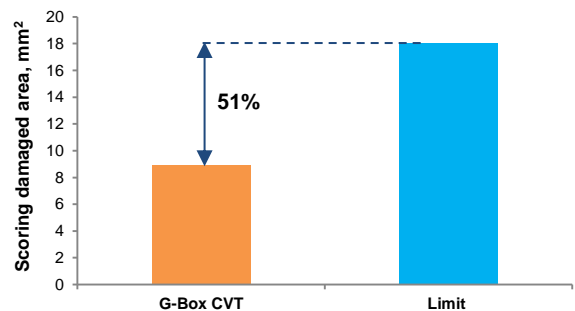
Leakage control:

Effect on vulcanized and thermoplastic rubbers 2.9 times lower (DIN ISO 1817)

Belt CVT performance*



Wear protection**



*LFW-1 JASO M358; **FZG ASTM D5182 C/9/90

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

ISO 9001

ISO 14001

ISO/TS 16949

OHSAS 18001

CERTIFIED

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