

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

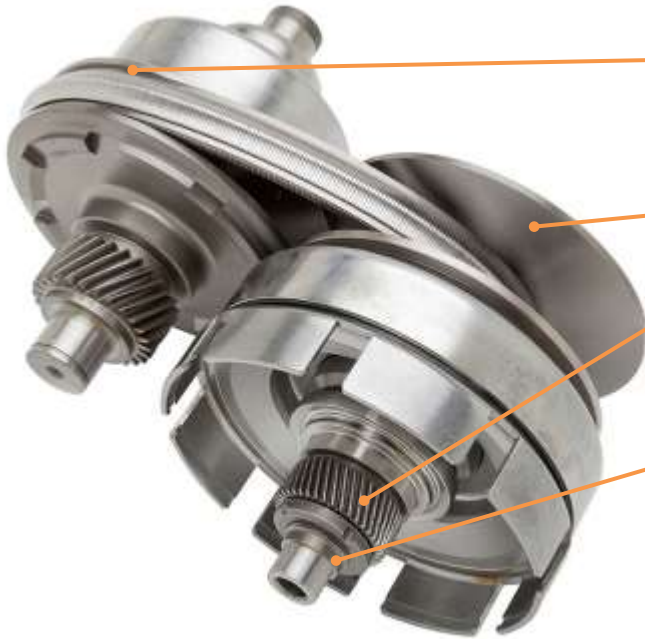
Recommendations

- Audi Multitronic
- BMW Mini Cooper EZL 799/ 83 22 0 136 376/ 83 22 0 429 154
- Daihatsu AMMIX CVT Fluid DFC,
- Daihatsu AMMIX CVTF DFE
- Daihatsu AMMIX CVT Fluid DC
- Dodge/Chrysler/Jeep/Mopar CVT+4
- Dodge/Chrysler/Jeep/Mopar NS-2
- GM/Saturn DEX-CVT
- Honda HCF2
- Honda HMMF (without starting clutch)
- Honda Z-1 (CVT model, without starting clutch, not SFU for 2001-2007 Honda Fit & Jazz)
- Hyundai/Kia CVT-J1
- Hyundai/Kia SP III (CVT model)
- Idemitsu CVTS-EX1
- Mazda JWS 3320
- Mitsubishi (Diaqueen) CVTF-J1 (MMC Diaqueen CVT Fluid J1)
- Mitsubishi (Diaqueen) CVTF-J4 and -J4+ (MMC Diaqueen CVT Fluid J4 and J4+)
- Mitsubishi (Diaqueen) SP-III (CVT model only)
- Nissan NS-3, NS-2, NS-1
- Nissan Punch CVT
- Subaru iCVT FG, iCVT, ECVT
- Subaru High Torque (HT) CVT Fluid
- Subaru Lineartronic chain CVT and CVT II Fluid, High Torque (HT) CVT Fluid
- Suzuki CVT Green 1V, CVT Green 1&2
- Suzuki CVTF 3320, CVTF TC
- Suzuki NS-2
- Toyota CVTF TC, CVTF FE
- VW/Audi TL 521 16 (G 052 516)
- VW/Audi TL 521 80 (G 052 180)

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)

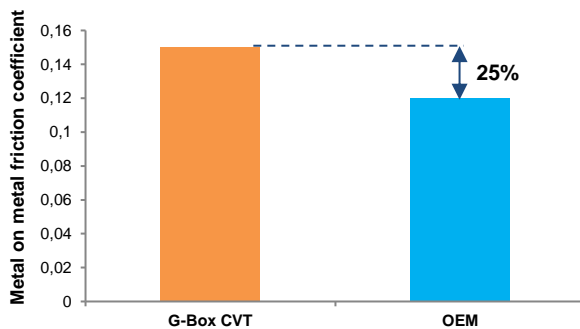
Wear protection:

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)

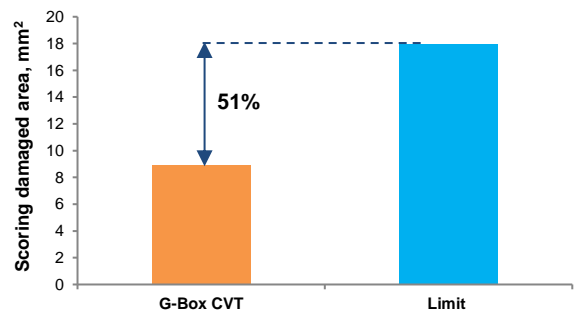
Leakage control:

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.