

ENEOS ECO CVT-Fluid

Fully Synthetic and Energy Saving Transmission Oil for Metal Belt CVTs

ENEOS ECO CVT Fluid is a unique transmission fluid designed for use in Continuously Variable Transmissions. It has been formulated to meet quality requirements for many types of Japanese and other CVT units. ENEOS ECO CVT Fluid is made from a well-balanced blend of premium additives and carefully selected base oils. This fluid provides superior fuel efficiency, ensures longer drain interval and optimizes noise reduction. It also guarantees maximum protection at the metal-to-metal contact points on the belt and pulleys, delivering long life and superior power transfer.

We strongly recommend this CVT-Fluid as a well-balanced fluid specially designed for Japanese cars with metal-belt CVTs and certain other cars with metal-belt and chain types CVTs.

FEATURES & BENEFITS

- **Excellent Metal Friction Characteristics**

CVTs use metal belts and pulleys in place of the torque converters used in regular automatic transmissions, and it is the friction between those belts and pulleys that conveys the power. Because ENEOS ECO CVT Fluid is fortified with the well-balanced blend of metallic detergents, ash-less dispersants, extreme-pressure agents, friction modifiers, and other additives, it prevents wear at the metal-metal contact points on the belts and pulleys.

- **Compatible with all types of automobiles with metal-belt CVTs**

CVT fluids require good torque transfer capacity between metal components as well as good anti-shudder performance, but improving the anti-shudder performance usually requires a sacrifice in the metal-metal torque transfer. Now JXTG Nippon Oil and Energy Corporation has developed new technology for providing a high level of both torque transfer and anti-shudder. ENEOS ECO CVT Fluid performs superbly in both areas in the metal-belt CVT vehicles made by all manufacturers.

- **Top-Class transmission fluid performance**

The well-balanced blend of high-performance base oils and exceptional additives used in ENEOS ECO CVT Fluid ensure superior performance in every area required of transmission fluid, including low-temperature flow properties, oxidation stability, anti-wear, shear stability, material compatibility, and foaming prevention.

1. Outstanding fuel efficiency

Based on our original Friction Control Technology, which has been developed jointly with Japanese car manufacturers, ENEOS ECO CVT FLUID can optimize friction characteristics to improve power transfer performance. ENEOS ECO CVT FLUID is a fuel efficiency type of continuously variable transmission fluid that fulfills rigorous requirements for fuel efficiency of Japanese car manufacturers.

2. Excellent accelerating performance and thermal & oxidation stability

ENEOS ECO CVT FLUID formulation with fully synthetic base oils and carefully selected viscosity index improvers can provide excellent accelerating performance at very low temperatures. Furthermore, thanks to our unique additive technology, ENEOS ECO CVT FLUID can help clean and maintain transmissions to extend life and performance even under high-speed and high temperature driving conditions.

3. Significant noise reduction

Based on our internal test data using CVTs from Japanese auto manufacturers, ENEOS ECO CVT FLUID reduces noise from transmissions by a maximum of 5%* due to selective additives that can be effective for noise reduction. ENEOS ECO CVT FLUID provides more quiet driving.



APPLICATION

ENEOS ECO CVT Fluid is recommended for continuously variable transmissions in most Japanese and Asian cars (Toyota, Nissan, Honda, Subaru, Mazda, Mitsubishi etc). It can be used for an extensive array of both belt and chain types of CVTs and is compatible with many of the latest CVTs including Nissan NS-3, Toyota FE, Honda HCF-2, Subaru CVTF-II.

ENEOS ECO CVT Fluid is not recommended for Toyota Hybrid CVT and Nissan Extroid CVT. Please always consult your vehicle owner's manual for manufacturer recommendations.

ENEOS ECO CVT Fluid is not compatible with toroidal and dry types of CVTs.

PACK SIZES

- 1L, 4L, 20L

TYPICAL PROPERTIES

| | | |
|----------------------------|--------------------|-------|
| Appearance | | Blue |
| Kinematic Viscosity | | |
| at 40°C | mm ² /s | 29.7 |
| at 100°C | mm ² /s | 6.5 |
| Viscosity Index | | 180 |
| Density at 15°C | g/cm ³ | 0.853 |
| Flash Point COC | °C | 208 |
| Pour Point | °C | -45 |
| TBN (HCl method) | mg KOH/g | 1.0 |
| TAN | mg KOH/g | 1.5 |

COMPATIBILITY OF ENEOS ECO CVT FLUID WITH JAPANESE VEHICLES (Some examples)

| Manufacturer | Name of CVT | Name of Genuine or Recommended Oil | Compatible |
|-----------------------|-----------------------------------|------------------------------------|------------|
| Toyota | Super CVT | CVT Fluid TC | Yes |
| | CVT FE | CVT Fluid FE | Yes |
| Nissan | N-CVT | Matic Fluid D | Yes |
| | Hyper CVT | CVT Fluid NS-1 | Yes |
| | Hyper CVT M6 | | |
| | Extronic CVT M6 | CVT Fluid NS-2 | Yes |
| | | CVT Fluid NS-3 | Yes |
| | Extroid CVT M6 | CVT Fluid KTF-1 | NO |
| Honda | Multimatic | Ultra ATF | Yes |
| | | Ultra ATF-Z1 | Yes |
| | ATF HON HCF2 | ATF HCF2 | Yes |
| | ATF HON CVTF | ATF HON CVTF | Yes |
| Mitsubishi Motor | INVECS-III CVT | ATF-SP III | Yes |
| | INVECS-III Sports Mode 6-CVT | | |
| | Mitsubishi CVT J1 | CVT J1 | Yes |
| | ATF MIT CVTF-J4 | CVTF J4 | Yes |
| Fuji Heavy Industries | ECVT | ECVT/i-CVT Fluid | Yes |
| | Sports Shift ECVT | | |
| | i-CVT | | |
| | Sports Shift i-CVT | | |
| Daihatsu | Eco CVT | GL-4 75W80 | NO |
| Suzuki | CVT (ECVT) | CVT Oil | Yes |
| | CVT (dry composite belt-type CVT) | GL-4 75W90 | NO |
| | SCVT | SCVT Oil | Yes |
| Chrysler | JATCO CVT2 | Mopart CVT+4 | Yes |
| | JATCO CVT2A/2L | Mopart CVT+4 | Yes |

Note: The information contained in this application chart is provided as a general usage guide, based on the most current information available. You should always consult your vehicle owner's manual or check with the manufacturer to verify the proper fluid recommendation for your vehicle. ENEOS is a trademark of JXTG Group and is not affiliated with or endorsed by the respective owners of the trademarks and brands mentioned herein. The information provided is accurate to our best knowledge. JXTG Group shall not be responsible for any errors, omissions or typographical errors that may be contained herein.