



PRODUCT INFORMATION & DATA SHEET

CVT FE

New generation fuel-economy FE-CVT fluid.

A highly fuel-efficient, low-viscosity Continuously Variable Transmission (CVT) Fluid formulated especially to meet the service fill use for recent Toyota and Lexus vehicles. The optimized friction characteristic and reduced viscosity properties of this fluid provide improvement on step-less transmission efficiency, fuel consumption control and shifting performance at low ambient temperature condition compared to standard viscosity CVT fluids.

Performance level

Toyota CVTF FE

Some of the benefits of using this transmission fluid

- Developed and well suited for a wide variety of latest generation fuel-conserving Japanese vehicles.
- Designed with advanced synthetic technology and outstanding shear-stable additives to ensure extended fluid life, smoother gear changing behaviour and unsurpassed driving experience.
- Excellent friction behavior ensures efficient and quiet gear operation and offer excellent torque transfer performance.
- Long life anti-wear additive system provides comprehensive metal-to-metal wear protection, maximize durability and avoid the need of costly repair.
- Lower viscosity characteristics deliver fuel consumption benefits compared to standard (higher) viscosity fluids.
- Offer enhanced performance in achieving optimum gear ratio, in return: less-drag acceleration, consistent repeatable and optimal speed.
- Protect against foaming and fluid losses. Contain conditioning agents to prolong seal elasticity to prevent future leak.

Areas of application

A fully synthetic CVT Fluid for Toyota and Lexus continuously variable transmission system requiring a fuel-economy 'FE' type CVT fluid.

This fluid is not recommended for CVT systems using a standard viscosity CVT fluid. This fluid is strictly not for application in automatic transmission system and dual-clutch transmission (DCT) system.

Service recommendation

Observe the vehicle warranty and owner's manual for the requirement of gear fluid. Follow the operating instructions from manufacturer. Drain and replace with new fluid according to the recommendation. Always check on fluid fill level whenever and during regular service interval.

Typical properties

Fluid Colour		Red
Viscosity Index (VI)	ASTM D2270	178
Viscosity at 100 °C; mm ² /s	ASTM D445	5.4
Viscosity at 40 °C; mm ² /s	ASTM D445	23.6
Density at 15 °C; kg/m ³	ASTM D4052	839.0
Foam Test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	208
Pour Point; °C	ASTM D97	-46

Commercially available product compatibility

CVT FE is compatible with genuine and synthetic based 'FE' type CVT fluids. However, peak performance is guaranteed only upon using alone without mixing with other fluid.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.