

# AISIN

Premium Quality  
Automatic Transmission Fluids from  
**World Largest AT Manufacturer**



## I am Protected by AISIN

Premium lubricant product for transmission, widely used by more than 40 carmakers around the world. AISIN is the world largest AT supplier with 50 years experiences in manufactured AT transmission. Make your trust beyond your trip.

### Why choose AISIN ATF?

- Economical and save your gasoline more
- Improve your fuel consumption, save your gasoline more.
- Longest transmission life span



AISIN recommends to change ATF for every 2 years or 20,000km



## Unique of AISIN ATF

### Who is AISIN?

AISIN SEIKI was founded in 1949, Aisin is a Fortune Global 500 company. Automatic Transmission, one of AISIN's main product, has been widely used by more than 40 carmakers around the world. One from every five A/T vehicles uses AISIN's Automatic Transmission. AISIN is the world largest A/T supplier. Amongst makers who has the capability to design and manufacture A/T, as well as high quality ATF, AISIN is one of the best company. AISIN product quality is superior than of OEM products.

### ATF Knowledge:

Ever since the development of A/T, the electronic and hydraulic components has become more complicated. Therefore it is very important to service A/T regularly. In general, carmakers suggest changing ATF every 60~80k KM, some carmakers even suggest for lifetime maintenance free. This suggestion has to be viewed from many aspects. With the higher quality living standards and deteriorating traffic condition, AISIN suggests car owners to change ATF every 2 years or 20000km. Without proper maintenance for the ATF, it will reduce your car performance, higher fuel consumption, or causing damage to the transmission.

### Advantageous of regular ATF maintenance:



Improved shift feel



Improved fuel consumption



Longer transmission life span

### ATF under normal usage

New Oil : Red Color

Safety

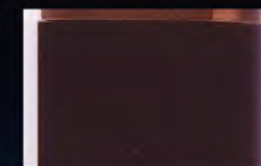
Oil after 20,000km : darken

Need to change

### ATF under excessive usage



**Mixed with debris**  
Need to repair transmission (metal debris will cause abrasion)



**High temperature (paste-like)**  
Need to repair transmission (will cause wet clutch slip)



**Milky (mixed with water)**  
Need to repair transmission (water mixed into transmission)



Change ATF every 2 years or 20000km can well keep your transmission and prevent major repair. Hence it will help car owner to save time and money.



## AISIN

### Fully Synthetic Automatic Transmission Fluid

#### DESCRIPTION

AFW is superior to any other past or current ATF for uses in passenger car with automatic transmission system. It provides a higher quality performance due in part by its oxidation resistance, low temperature fluidity, appropriate friction performance, high shear stability, and near sludge free operation.

#### APPLICATIONS

In accordance with the GM powertrain licensing requirements for the use of the DEXRON trademark, ATF DX-III maybe recommended for us in automatic transmissions or other units, such as power-steering systems, industrial hydraulic systems and air compressors for which the service-fill product is specified as DEXRON II E, DEXRON II or DEXRON fluid.

#### SUPERIOR PROPERTIES

Automatic Transmission Fluid	AFW
Density, kg/L @15°C	0.8423
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	33.72
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	7.123
Pour Point °C	-48
Flash Point °C	238
Brookfield Viscosity, cP @ -20°C	1,388
Brookfield Viscosity, cP @ -40°C	10,256

#### Performance Standard:

- General Motors Dexron III
- Ford MERCON
- Allison C4

#### Customer Benefits

- Provides high foam stability
- Ensure long life time
- Provides high anti-rusting performance and lower sludge formation
- Provides more stable friction property



## AISIN

### Fully Synthetic Automatic Transmission Fluid Multi-Series

#### DESCRIPTION

High performance, High-quality, multi-vehicle fluid for Automatic Transmissions specially formulated fluid designed to meet the requirements of a wide range of automatic transmission specification requiring SP-II, SP-III, DEXRON III, MERCON V, Allison C4, Toyota T-III, IV and WS. Applicable for Slip Controlled Lock-up Clutch.

#### Customer Benefits

- Anti shudder protection Oxidation and thermal stability
- Provide high foam stability
- Provides good start operation in cold climates thanks to its excellent low-temperature fluidity
- Provides more stable friction property

#### WIDE RANGE & MULTI-PURPOSE APPLICATIONS

\*Please refer to the application table attached.

#### SUPERIOR PROPERTIES

Automatic Transmission Fluid	AFW+
Density, kg/L @15°C	0.8464
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	36.69
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	7.411
Pour Point °C	-48
Flash Point °C	226
Brookfield Viscosity, cP @ -20°C	1,341
Brookfield Viscosity, cP @ -40°C	13,800

## AT FLUID WIDE RANG PLUS (AFW+)

AUTOMAKER	VEHICLE TYPE	SPECIFIED GENUINE ATF
Toyota	FF-based 4WD vehicles	ATF Type-T
	Used for 3000cc or bigger	ATF T-II
	Flex lock up vehicles	ATF T-III
	Used for both 3000cc or more and flex lockup vehicles Type T-II and T-III were integrated	ATF Type-IV
	Toyota vehicles other than those above	ATF Dexron II-E
	Cavalier, Duet	ATF Dexron III
	Celsior, Crown (6AT), Land Cruiser 100 (5AT), Prius	ATF WS
Nissan	General AT truck and Bus (under 4T)	ATF Dexron II and T-IV
	General AT vehicles	Matic Fluid-D**
	X-Trail, Cima, Skyline 5AT, Fairlady Z	Matci Fluid-J
	Oct,2007~Skyline coupe, El Grand, Fuga 5AT	Matic Fluid-S
	Vaette	Matic Fluid-C, D / ATF M-III
UD	General AT truck and bus (Under 4T)	Besco ATF III
Hino	General AT truck and Bus (under 4T)	ATF Dexron II / T-IV
Mazda	General AT vehicles ATF S-1 and N-1 have been integrated into M-III	ATF M-III
	Roadstar (6AT)	ATF JWS 3317
	Premacy, Atenza, Demio, MPV, Axela	ATF M-V
	Tribute	ATF F-1
	General trucks and bus under 4t	Besco ATF III
Subaru	General AT vehicles	Subaru ATF, Subaru ATF (5AT)** ECVT Fluid**
	Traviq	Opel Original ATF 09117946
Suzuki	General AT vehicles	ATF Dexron II E
	Escudo,Alto,Cervo,Carry,Jimny, Wagon R, X-90 (3AT)	ATF 5D06
	Escudo,Cultus,Alto,Wagon R	ATF 2384K
	Eletronic Control 4AT	ATF 3314 / 3317
Isuzu	General AT vehicles	Besco ATF II/III Besco Dexron II-E
	General small bus & truck (under 4t)	Besco ATF III
Mitsubishi	FF vehicles and passenger car base FR vehicles (other than CVT)	Dia Queen ATF SP II/ SP II M/ SP III
	ALL FR cars which are AT	Dia Queen ATF SP III**
	Pajero io (non-turbo)	Dia Queen ATF II**
	Pajero io (turbo)	Dia Queen ATF AW
	Outlander (6AT)	Dia Queen ATF J2
	Delica Van, Truck	Dia Queen ATF SK
Honda	General AT vehicles (including S-Matic, F-Matic, 5AT)	Honda Ultra ATF/ATF Z1**
	General AT vehicles	Honda Ultra ATF DW-1
	General AT vehicles	Honda Ultra ATF-Z1
Dahaitsu	General AT vehicle	Ammix ATF DIII Multi
	General AT vehicles	Ammix ATF D3-SP
Perodua	Kancil, Viva, Kelisa, Kenari, Kembara	ATD D-III (ATF Dexron III)
	Myvi, New Myvi, Nautica, Alza	P2-ATF D3 - SP (ATF DEXRON III - SP)

## AISIN

### Fully Synthetic Continuously Variable Transmission Fluid



## DESCRIPTION

CFEx is a premium quality transmission fluid designed to meet the service fill use in a broad range of Continuously Variable Transmission (CVT). This CVT fluid is specially formulated to provide excellent driving comfort, longer life of transmission, extended service interval, excellent wear control and durability between the belt and pulley. AISIN CFEx is recommended for use in all of the push belt type CVT. However, it is not recommended to be used in chain type CVTs such as Audi Multitronic or Subaru Lineartronic and in power split type CVTs which is equipped with Toyota Prius.

## Customer Benefits

- Compatibility in multiple CVT Transmission types
- Superior anti-shudder durability
- Prevent wear at the metal-to-metal contact points on parts of transmission system
- Provides strong oil film/good shear stability
- Excellent thermal and oxidation stability
- Excellent parts material compatibility

## WIDE RANGE &amp; MULTI-PURPOSE APPLICATIONS

\*Please refer to the application table attached.

## SUPERIOR PROPERTIES

Continuously Variable Transmission	CFEx
Density, kg/L @15°C	0.8476
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	35.81
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	7.644
Viscosity Index	190
Pour Point °C	-51
Flash Point °C	226
Brookfield Viscosity, cP @ -20°C	1,073
Brookfield Viscosity, cP @ -40°C	8,990

## CVT FLUID EXCELLENT (CFEx)

AUTOMAKER	VEHICLE TYPE	SPECIFIED GENUINE ATF
Toyota	Super CVT	CVT Fluid TC
	Super CVT	CVT Fluid FE
Nissan	N-CVT vehicles (RE0F05A) March, Cube	Matic Fluid D**
	Hyper CVT vehicles (RE0F21A) March, Cube	CVT fluid NS-1
	Hyper CVT vehicles (RE0F06A, RE0F06AV)	CVT fluid NS-1
	Extronic CVT vehicles (RE0F08A/09A/10A)	CVT fluid NS-2
Mazda	Extronic CVT vehicles Note, Cube	CVT fluid NS-3
	Demio, Axela (CVT)	Mobile CVT 3320
Subaru	July, 2007 ~ Demio, Axela	Mobile CVTF 3320
	Samber, Justy, Domingo, Rex, Vivio, Pleo, R1 R2, (ECVT/I-CVT)	ECVT- Fluid**/I-CVT Fluid
	Stella (I-CVT)	Subaru I-CVT/I-CVT.FG
Suzuki	SCVT vehicles (Cultus Coertible)	SCVT fluid
	Cultus Crescet G (CVT)	Suzuki CVT oil
	Nov, 2006~Wagon R (CVT)	Suzuki CVT fluid green 1/ green 1V
	CVT MR Wagon, Alto, WagonR	Suzuki CVT fluid green 2
	May, 2007~Swift (CVT)	Suzuki CVT fluid 3320
Mitsubishi	Invecs-III CVT	Dia Queen ATF SP III**
	Outlander (CVT)	Dia Queen CVT Fluid-J1
	Mirage, Outlander, RVR, Delica (Mirage)	Dia Queen CVT Fluid-J4
Dahaitsu	Sonica, Mira, Move (CVT from 2006)	Ammix CVT Fluid-DC
Proton	Saga FLX**(Mitsubishi Transmission only)	CVT Fluid Green 1V

\*\* There are genuine fluid which are released a convertible fluid for AT and CVT in past, but please use ATF for AT and CVTF for CVT.