

SYNTHETIC CVT



SYNTHETIC CVT is a synthetic fluid for use in continuously variable transmissions (CVT). It can be recommended for use in most passenger cars equipped with push-belt CVTs. It results from applying high quality synthetic base oil with multifunctional additives. SYNTHETIC CVT has high viscosity index, high oxidation stability and low temperature characteristics.

- Outstanding friction characteristic in metal to metal part between belt and pulleys
- Excellence in anti-shudder durability and enhanced driving comfort
- Good corrosion protection
- Excellent antifoaming
- Excellent extreme pressure and anti-wear performance for the better protection of transmission
- Provides superior oxidation stability for longer fluid life and extended service interval
- Seal compatibility for better leakage prevention

APPLICATION

- Recommended for using in push belt-CVT vehicles such as NISSAN, TOYOTA, HONDA, MITSUBISHI etc. Please refer to the owners' manual for proper fluid requirements (NISSAN NS-2, TOYOTA TC, HONDA HMMF and MITSUBISHI SP III (CVT))
- Not recommended for hybrid Continuously Variable Transmissions units (E-CVT)

MEET REQUIREMENTS

- Most OEM CVT specifications

TYPICAL INSPECTION

Properties	SYNTHETIC CVT
Appearance	Bright & Clear
Color	Red
Density @ 15°C, g/cm ³	Report
Flash Point (COC), °C	180 Min
Foam Test (Seq II), mL	50/0 Max
Kinematic Viscosity @ 100°C, cSt.	7.0-7.6
Viscosity Index	150 Min
Brookfield Viscosity @ -40°C, cP	15,000 Max

Packages: 1 litre

ATF 1A



ATF 1A is a high quality lubricant intended primarily for automatic gear vehicles, power steering units and automatic transmission requirement. It results from applying high quality synthetic base oil with multifunctional additives. ATF 1A has high viscosity index, high oxidation stability and low temperature characteristics; It also offers good corrosion protection, excellent antifoaming and air separation properties, as well as the required constant friction coefficients.

APPLICATION

Recommended for using in automatic gear vehicles such as Toyota, Ford, Honda, Isuzu, Nissan, Hyundai, Subaru, General Motors, Chrysler etc.(Please refer to the owners' manual for proper fluid requirements)

- Recommended for using in the power section of many types of power steering units
- Recommended for using in fluid coupling system in practically every branch of the industry.

MEET REQUIREMENTS

- JASO 1A
- GM DEXRON III(H)
- TOYOTA T-III/T-IV
- FORD MERCON
- HONDA Z-1
- NISSAN Matic-D/J/K
- MAZDA M-III/M-V
- ALLISON C4
- BMW LT71141/LA2634/ETL-7045E/8072B

TYPICAL INSPECTION

PROPERTIES	ATF 1A
Appearance	Bright & Clear
Color	Red
Density @ 15 oC, g/cm ³	Report
Flash Point (COC), °C	177 Min
Foam Test (Seq II), mL/mL	50/0 Max
Kinematic Viscosity @ 100 °C, cSt.	6.8-7.8
Viscosity Index	140 Min

Packaging : 1 Litre

ATF Dexron III



ATF Dexron III is oil for automatic transmission produced from high quality base oil, with a high index of viscosity and a low coefficient of friction for stable transmission for either a hot or cool engine. It includes special additives for extra protection against oxidation for a long life, prevention of wear and foaming, cleanliness and rust protection.

Usage of ATF Dexron III

- Use in automatic transmission systems of general vehicles, according to the manufacturer's recommendations.
- Can be used with power steering.
- Can be used with fluid couplings in many industrial machines.

Passed standard tests

- GM, Dexron III, Ford Mercon
- Caterpillar TO-2AV
- Jaquar
- Mercedes-Benz
- Volvo
- Saab
- Porsche
- Peugeot S.A.
- Allison C-4
- BMW

Special characteristics of ATF Dexron III

The General Characteristics	ATF Dexron III
Color, ASTM	Red
Viscosity @ 40°C, cSt.	36.65
Viscosity @ 100°C, cSt.	7.2
Viscosity Index	171
Flash Point (COC), °C	204
Specific Gravity @ 15°C	0.8632
Foaming Test	
- Sequence I	Nil
- Sequence II	10/0
- Sequence III	Nil

Packages: 200 litres and 1 litre

ATF Dexron IID



ATF DEXRON IID is a high quality lubricant intended primarily for automatic transmission requirement. It results from applying high quality synthetic oil with special additives. ATF DEXRON IID has high viscosity index, high oxidation stability and low temperature characteristics. It also offers good corrosion protection, excellent antifoaming and air separation properties, as well as the required constant friction coefficients.

APPLICATION

ATF DEXRON IID is satisfied the service needs of most of the car equipped with hydraulic transmission and recommended for the power section of many types of power steering units. It is also applied for fluid coupling system in practically every branch of the industry.

MEET REQUIREMENT

- GM Dexron IID
- Ford's MERCON
- Allison C-4
- Caterpillar TO-2

TYPICAL INSPECTION

PROPERTIES	ATF DEXRON IID
Appearance	Bright & Clear
Color	Red
Density @ 15 °C, g/cm ³	Report
Flash Point (COC), °C	180 Min
Foam Test (Seq II), mL/mL	50/0 Max
Kinematic Viscosity @ 100 °C, cSt.	6.8-7.8
Viscosity Index	165 Min

Package: 200 litres

TRANSMISSION FLUID



Transmission Fluid is oil for special transmission systems, with the highest standard of OEM, able to prevent wear and withstand oxidation, prolonging the oil's lifetime. This high quality oil was developed for use in power chip systems, water-cooled disk brakes, and rear gears. It received the certification of Caterpillar TO-4 and Allison C4. Therefore it is quite appropriate for achieving full efficiency in caterpillar final drive systems.

Usage of Transmission Fluid

- Used as oil for high quality transmission systems, for power chip systems, water-cooled disk brakes, and rear gears.
- Appropriate for use with caterpillar final drive systems.

Passed standard tests

- Caterpillar TO-4
- Allison C-4
- Eaton
- ZF TE-KL-03
- Komatsu
- Komatsu Dreser

Special characteristics of Transmission Fluid

The General Characteristics	SAE 10W	SAE 30	SAE 50	SAE 50 HVI
Viscosity @ 40°C, cSt.	38.73	92.43	217.74	154.28
Viscosity @ 100°C, cSt.	6.08	10.62	18.67	20.25
Viscosity Index	101	97	95	152
Flash Point (COC) °C	215	226	230	218
Phosphorous, % wt	0.110	0.110	0.110	0.110
Zinc Content, % wt	0.123	0.123	0.123	0.123
Calcium Content, % wt	0.309	0.309	0.309	0.309

Packages: 200 litres