



ZF-EcoFluid A Life - Fully synthetic automatic transmission oil

Product data sheet

Product Description:

The fully synthetic ATF ZF-EcoFluid A Life was specially developed for use in Ecomat and ZF-EcoLife transmissions. The combination of a synthetic base oil with a specially balanced additive package delivers superlative oxidation stability and constant friction characteristics. Optimum transmission-adapted viscosity and minimum viscosity changes during use, together with a high resistance to scuffing and pitting, deliver a particularly high protection level and consequently extended service life of bearings and gearing. Furthermore, ZF-EcoFluid A Life is also distinguished by its flat viscosity-temperature characteristic curve, and is therefore particularly suited for use in both cold or hot climatic regions.

Application:

ZF-EcoFluid A Life is a fully synthetic oil for automatic commercial vehicle transmissions

ZF-EcoFluid A Life is particularly recommended for city buses and coaches as well as for extreme pressures, such as demanding topography, stop-and-go traffic, and frequent retarder operation.

ZF-EcoFluid A Life fulfills all requirements specified in the ZF List of Lubricants, TE-ML 04D, 14E, 16N, 16Q, and 20F.

ZF-EcoFluid A Life is miscible with all other ATF grades specified in the ZF List of Lubricants, TE-ML 04D, 14E, 16N, 16Q, and 20G. Please note: Mixing of different semi-synthetic products may negate the benefits of ZF-EcoFluid A Life. Therefore, after reoiling from a mineral oil-based or a semi-synthetic ATF, an interim oil change interval at half of the standard mileage (in km) is required.

Advantages:

▪ Fewer downtime periods	Thanks to extended oil change intervals enabled by optimum thermal and oxidative stability.
▪ Increased shift comfort	Thanks to friction properties perfectly adapted to the transmission.
▪ Lower maintenance costs	Extensively tested material compatibility, optimal service viscosity, and further improved protection of bearings and gearing.
▪ More environmentally friendly	Thanks to reduced used oil quantities.
▪ Flexible temperature behavior	Thanks to its flat viscosity-temperature characteristic curve, the oil is particularly well suited for both hot and cold climatic regions.



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Product properties:

Product no.		
0671 072 120	Canister	20 l
0671 072 130	Barrel	209 l

Properties (typical values)	
Density at 15°C	842 kg/m ³
Viscosity at 40°C	61 mm ² /s
Viscosity at 100°C	10.1 mm ² /s
Viscosity index	150
Brookfield viscosity at -40°C	28 000 mPa.s
Pour point	-57°C
Flash point (COC)	240°C
Other specification	MAN 339 Type Z-4, Z-13