



## ZF EcoFluid HV

### SAE 80W-90 hydrocrack manual transmission fluid

#### Product description:

**ZF EcoFluid HV** is a hydrocrack high-performance oil developed for automatic and manual ZF transmissions under harsh operating conditions. The correspondingly adapted additive package guarantees excellent lubrication and friction properties as well as fuel savings of up to 1% over the entire period of use.

#### Application:

- **ZF EcoFluid HV** excels through its particularly high degree of wear prevention under harsh operating conditions and for applications in countries with hot climates.
- **ZF EcoFluid HV** is a transmission fluid for high transmission efficiency, its high viscosity index guarantees good cold properties and wear prevention at high temperatures.
- **ZF EcoFluid HV** meets the demanding requirements of lubricant class TE-ML 02V and is suitable for long oil-change intervals (up to 360,000 km or 2 years).
- **ZF EcoFluid HV** small container (up to 20 l) must be shaken vigorously for at least 15 s before removing the oil. Before removing oil, large container (more than 20 l) must be mixed with a suitable and clean stirrer (min. 1500 1 / min) for at least 60 min at room temperature.



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**Advantages:**

- Fewer idle times - Reduced service costs	thanks to long oil-change intervals on account of excellent temperature resistance and oxidation stability.
- Fuel consumption reduced by as much as 1.0% compared to mineral transmission fluids	thanks to the optimized lubricant layer and low friction losses.
- High level of reliability - Long transmission service life	thanks to high-quality protection of all transmission components, especially of synchronizers and gearings.
- Use in all climatic zones, especially in hot regions	thanks to higher viscosity while having a flat viscosity curve.
- Eco-friendly	thanks to long oil-change intervals, noticeable fuel savings and lower CO <sub>2</sub> emission.

**Product properties:**

<b>Product no.</b>		
Canister	20 l	0671.090.503
<b>Characteristics (typical values)</b>		
Density at 15°C	kg/m <sup>3</sup>	855
Viscosity at 40°C	mm <sup>2</sup> /s	101
Viscosity at 100°C	mm <sup>2</sup> /s	15.1
Viscosity index	-	157
Brookfield viscosity at -26°C	mPa.s	10,400
Flash point (COC)	°C	252
FZG A10/16.6R/90	Scoring load	10