



ZF EcoFluid M

Hydrocrack SAE 75W-80 Manual Transmission Fluid

Product Description:

ZF EcoFluid M is a hydrocracking-produced high-performance oil which was especially developed for mechanical ZF transmissions. The correspondingly adapted, innovative additive package warrants excellent lubrication and friction characteristics even under extreme loads; all in all, fuel consumption savings of up to 1 % can be guaranteed for the entire term of application.

Application:

- **ZF EcoFluid M** is a synthetic transmission oil specifically developed for the use in manual and automatic transmissions for commercial vehicles (trucks, buses, light commercial vehicles, vans).
- **ZF EcoFluid M** fulfils the requirements of Lubricant Classes TE-ML 01E, 02E, 16P and permits very long oil-change intervals (max. 540.000 km or 3 years).
- **ZF EcoFluid M** 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.

Advantages:

<p>- Reduced immobilization time - Reduced service costs</p>	<p>thanks to long oil-change intervals on account of excellent temperature resistance and oxidation stability</p>
<p>- Fuel consumption reduced by as much as 1.0% compared to mineral transmission fluids</p>	<p>through reduced friction and churning loss</p>
<p>- High level of reliability - Long transmission service life</p>	<p>through high-quality protection of transmission components, especially of synchronizers and gearings</p>



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- Improved shifting comfort	through optimal tuning of viscosity and friction properties
- Use in all climatic zones, also in hot and cold regions	thanks to a particularly flat viscosity characteristic
- Ecofriendly	thanks to long oil-change intervals and fuel savings

Product properties:

Product no.		
Canister	20 l	0671.090.384
Barrel	200 l	0671.090.385
Container	1000l	0671.090.386
Properties (typical values)		
Density at 15° C	kg/m ³	858
Viscosity at 40° C	mm ² /s	54
Viscosity at 100°C	mm ² /s	9.3
Viscosity index	-	157
Brookfield viscosity at -40° C	mPa.s	42.400
Flash point (COC)	°C	240
FZG A/8.3/90	Damage load stage	>12
FZG A10/16.6R/90	Damage load stage	10
Other specification		MAN 341 Type Z-5