



ZF-Ecofluid M

Hydrocrack SAE 75W-80 Manual Transmission Fluid

Product Description:

ZF-Ecofluid M is a hydrocracking-produced high-performance oil which was specially 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).

Advantages:

- Reduced immobilization time - 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	through reduced friction and churning loss.
- High level of reliability - Long transmission service life	through high-quality protection of all transmission components, especially of synchronizers and gears.
- 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.



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Product properties:

Product no.		
Canister	20L	0671 090 384
Barrel	208L	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

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