



ZF LifeguardFluid 5

Automatic Transmission Fluid for ZF Automatic Passenger Car Transmissions (4HP20 and 5HP)

Product description:

ZF LifeguardFluid 5 was specially developed by ZF for use in 4HP20 and 5HP automatic passenger car transmissions. The friction behavior has been optimally adapted for this transmission as a prerequisite for perfect shifting characteristics and vibration-free operation. ZF LifeguardFluid 5 fulfills the most demanding requirements on the transmission's comfort behavior.

The additives, which are customized to the individual components, also provide specialized protection and thus increase the service life of all transmission components.

The high-quality semi-synthetic base oil ensures that high thermal-oxidative stability is maintained throughout the transmission's entire service life. Due to its flat viscosity-temperature characteristic curve, it is also well suited for use in particularly cold or hot climatic regions.

Application:

ZF LifeguardFluid 5 was specially developed for use in ZF 4HP20 und 5HP automatic transmissions. The approvals for each specific case can be found in the ZF List of Lubricants TE-ML 11 (www.zf.com/schmierstoffe).

Please note that only ZF LifeguardFluid 5 may be used for 5HP transmissions (where applicable, also available from the respective original equipment manufacturer as an original spare part) (exception: 5HP18 with black type plate). Using other transmission fluids can lead to various adverse effects, ranging from significant deterioration in shifting characteristics to transmission failure. In principle, changing the transmission fluid is only necessary when repairs are carried out.

ZF automatic transmissions are generally filled with lifetime oil. However, due to the many factors influencing the service life of transmissions in individual operation, ZF recommends an oil change after 150,000 km for its transmissions.

In operating conditions with high temperatures and loads, or with unknown vehicle use in the past, it can make sense to change the transmission oil at shorter intervals.



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When changing the fluid, only the approved transmission fluid may be used for the fluid change, and it is also necessary to ensure that the transmission fluid change is carried out according to the relevant ZF provisions.

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.

Product properties:

Product no.		
S671.090.170	Bottle	1 l
S671.090.172	Canister	20 l
S671.090.171	Drum	209 l
S671.090.173	IBC	1,000 l
Characteristics (typical values)		
Color	Tan	
Density at 15°C	850 kg/m ³	
Viscosity at 40°C	37.0 mm ² /s	
Viscosity at 100°C	7.6 mm ² /s	
Brookfield viscosity at -40°C	16,000 mPa.s	
Pour point	-51°C	
Flash point (COC)	220°C	