



Technical Information Transmission Oil Recommendation



ZF-LifeguardFluid – Maximal Performance for ZF Automatic Transmissions

The ZF-LifeguardFluid* products make up a range of synthetic heavy-duty oils intended exclusively for ZF's automatic car transmissions. ZF-LifeguardFluid oils were developed specifically for ZF's automatic 5-speed, 6-speed, and 8-speed transmissions.

Subjected to extreme testing, ZF-LifeguardFluid guarantees maximum performance of the automatic transmission. At the same time, the wear of heavily loaded components is minimized owing to the specifically matched oils. And a long service life is achieved.

ZF-LifeguardFluid is a firm element of production as well as remanufactured transmissions and must therefore be used in cases of repair.

Oil regeneration and oil-filter change beyond 100,000 km will have a positive effect on the service life and value of a thermally heavily loaded automatic transmission; and the original shifting comfort will be restored. Use of other oils as a rule results in early transmission failure.



LifeGuard Fluid 5		LifeGuard Fluid 6		LifeGuard Fluid 8	
S671 090 170	1 - liter bottle	S671 090 255	1 - liter bottle	S671 090 312	1 - liter bottle
S671 090 172	20 - liter can	S671 090 253	20 - liter can	S671 090 311	20 - liter can
S671 090 171	210 - liter barrel	S671 090 252	210 - liter barrel	S671 090 310	210 - liter barrel

- Specifically matched transmission fluids for exclusive use in ZF automatic transmission.
- Less material wear and softer shifting operations due to constant friction behavior.
- Less vibration due to the controlled slip of the converter lockup clutch.
- Maximum sound dampening due to low viscosity.
- Improved lubricating - film stability in all performance and temperature ranges.
- Improved economy thanks to maximum reduction of fuel consumption, which also reduces emissions





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CAUTION!

- ZF transmissions have been engineered to operate only with ZF approved fluids. Other fluids have not been tested. These fluids may cause internal damage or unpredictable results when used with ZF overlapping shift technology or mechatronic assemblies.
- Transmission fluids are not all alike and are not interchangeable. Each ZF transmission requires a specific ZF fluid to operate properly. The use of incorrect fluid may cause damage to internal parts. Be certain the correct fluid is used.
- The use of any fluid additives is prohibited as the result will unpredictably change fluid properties potentially resulting in transmission failure.

ZF 6 Speed fluid reference

Application	Make	Fluid Type	
6HP19 6HP19X (except for Audi Q7) 6HP26 6HP26A61* (excluding vehicles with Audi W12 engine 6HP26X 6HP32 6HP32A*	BMW Jaguar Audi Land Rover Bentley	LifeGuard Fluid 6	
Application	Make	Fluid Type	
6HP26A61 * (Only for vehicles with Audi W12 engine 6HP19A * 6HP19X (Only for Audi Q7)	Audi	LifeGuard Fluid 8	

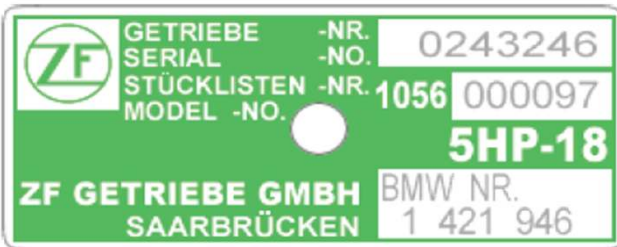


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ZF 5 Speed fluid reference

Application	Make	Type plate color	Fluid Type
5HP30	All	Green	LifeGuard Fluid 5
5Hp18	All		
5HP19	All		
5HP19FL	All		
5HP19FLA	All		
5HP19FLA	All		
5HP24	All		
5HP24A	All		
5HP30	Aston Martin		
	Bentley		
	BMW		
	Rolls Royce		
5HP18	All	Black	Dexron III
5HP18A	All		
5HP30	BMW		Shell LA2634



Type plate examples only see above for correct transmission - type plate color - fluid type

4 Speed fluid reference

Application	Make	Type plate color	Fluid Type	BMW MINI CVT
4HP14	All	Black	Dexron III	Used MINI CVT applications ZF number on type plate 481978 ESSO EZL 799 481 336 5 liter bottle 5 liters required for 1 fluid service.
4HP18				
4HP18E				
4HP18FLA				
4HP18FLE				
4HP22				
4HP22A				
4HP22HL				
4HP24				
4HP24A				
4HP20	All	Green	LifeGuard Fluid 5	