

## Life-time oil

E31, E32, E34, E36, E38, E39

**Situation:**

In future automatic transmissions are to be converted to life-time oil to reduce service costs. With life-time oil, it is not necessary to renew the oil at any point throughout the service life of the transmission.

The following measures have been introduced so that a transmission filled with life-time oil can be easily recognized:

- **A green transmission type plate**
- **The lettering "Life-Time-Öl"** (Life-time oil) on the underside of the oil sump
- **The "Oil type part number"** for use in the event of repairs has also been included on the underside of the oil sump

**Note:**

One exception to this rule is the A5S 300J transmission made by Jatco on the E36 with M52 engine which is already filled with life-time oil but which has no external markings to indicate this fact.

**Affected vehicles:**

A list of vehicles on which the automatic transmission has already been filled with life-time oil is contained in the Enclosure.

Enclosure 1

**Procedure:**

In the event of a repair to the transmission, only the type of transmission oil approved for that particular gearbox should be used. It is not permitted to mix different types of oil as this impairs the functioning of the automatic transmission.

Below is a list of the different types of life-time oil in use and the associated transmission type:

Type of transmission oil	Transmission type	Vehicle type
ATF oils in accordance with specification Dexron III	A4S 310R (THM-R1)	All with life-time oil
Esso LT 71 141	A5S 310Z (5HP18)	All with life-time oil
	A5S 440Z (5HP24)	All models
	A5S 560Z (5HP30)	740iA E38
		750iA E38
		540iA E39
Shell LA 2634	A5S 560Z (5HP30)	840iA E31/M62
		850iA E31/M73
		540iA E34
Apolloil-ATA-D3 made by IDEMITSU	A5S 300J (Jatco)	740iA E32
		840iA E31/M60
		All with and without life-time oil

**Parts:**

The different automatic transmission fluids are available through the normal parts distribution channels as follows:

<b>Oil type</b>	<b>Part number</b>	<b>Container size</b>
ATF Dexron III	83 22 9 407 858	1 litre tin
	83 22 9 407 859	60 litre barrel
Esso LT 71 141	83 22 9 407 807	20 litre canister
Shell LA 2634	83 22 9 407 765	5 litre canister
Appolloil-ATA-D3 made by JDEMITSU	Oil is supplied directly through BMW Japan and BMW South Africa	

It is not permitted to mix the different oils.

**Important:**

The approved types of oil contained in the operating fluids list should continue to be used on those automatic transmissions not containing life-time oil.