

## ZF TRANSMISSION AND OIL APPLICATION CHART (1991-1999)

	1991	1992	1993	1994	1995	1996	1997	1998	1999
E30 325i/iX/iC	4HP22								
E31 850Ci	4HP24			6/94	10/94	5HP30 (A5S 560Z)		6/97	
E31 840Ci			6/93	5HP30 (A5S 560Z)		5HP30 (A5S 560Z)		12/95	8/97
E32 750iL	4HP24			3/94					
E32 740i/iL		5HP30 (A5S560Z)		8/92	4/94				
E32 735i/iL	4HP22	7/92							
E34 540i			5HP30 (A5S 560Z)		3/93	10/95			
E34 535i	4HP22		1/93						
E34 530i/iT			5HP18 (A5S 310Z)			3/93	11/95		
E36 M3					10/94	5HP 18 (A5S 310Z)			9/99
E38 750iL					1/95	5HP30 (A5S 560Z)			
E38 740i/iL					7/94	5HP30 (A5S 560Z)		1/97	5HP24 (A5S 440Z)
E39 540i/iT						3/96	5HP30	1/97	5HP24 (A5S440Z)

**USE OF ANY OTHER OIL WILL CAUSE A NON-WARRANTABLE TRANSMISSION FAILURE !**

<b>APPROVED OILS:</b>	UNICAL DEXRON III "MULTI-PURPOSE ATF" CASTROL DEXRON III – MERCON TEXACO ATF MERCON – DEXRON III	USE ONLY SHELL LA 2634 BMW PART NUMBER 83 22 9 407 765 5 LITER BLACK - LIFETIME FILL	USE ONLY ESSO ATF LT 71141 BMW PART NUMBER 83 22 9 407 807 20 LITER BLUE – LIFETIME FILL
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**PRIOR TO REPLACING A TRANSMISSION - AN AUTHORIZATION CODE MUST BE OBTAINED FROM THE  
BMW TECHNICAL HOTLINE !**

<b>FILL CAPACITY:</b>	<b>TRANSMISSION MODEL</b>	<b>WITH TORQUE CONVERTER</b>	<b>WITHOUT TORQUE CONVERTER</b>
	4HP22	7.5 LITERS	3.0 LITERS
	4HP24	8.1 LITERS	3.1 LITERS
	5HP18 (A5S 310Z)	7.8 LITERS	3.2 LITERS
	5HP19 (A5S 325Z) FOR 2.5 L	8.9 LITERS	6.2 LITERS
	5HP19 (A5S 325Z) FOR 3.0 L	8.7 LITERS	6.1 LITERS
	5HP24 (A5S 440Z) FOR 4.4 L	9.0 LITERS	5.35 LITERS
	5HP24 (A5S 440Z) FOR 4.6 L	9.9 LITERS	5.35 LITERS
	5HP30 (A5S 560Z)	13.1 LITERS	5.5 LITERS