

GM TRANSMISSION AND OIL APPLICATION CHART (1991-1999)

	1991	1992	1993	1994	1995	1996	1997	1998	1999
E34 525i/iT	THM-R1 (A4S 310R) 12/95								
E39 528i/iT						2/96	THM-R1 (A4S 270R) 8/99		5L40 9/99
E36 318i/iS/iC/ti	THM-R1 (A4S 310R) 9/95					THMR1 (A4S 270R)			
E36 325i/iS/iC	THM-R1 (A4S 310R) / (A4S270R as of 9/95) 10/95								
E36 323i/iS/iC								THM-R1 (A4S 270R) 9/97	
E36 328i/iS/iC						THM-R1 (A4S 270R) 10/95			
E46 323i/iS/iC									5L40 (A5S 360R) 7/98
E46 328i/iS									5L40 (A5S 360R) 6/98
Z3 (1.9L/2.8L)						THM-R1 (A4S 270R) 10/95			

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

APPROVED OILS:	UNICAL DEXRON III - D - "MULTI - PURPOSE ATF" CASTROL DEXRON III - MERCON TEXACO ATF MERCON - DEXRON III LIFETIME FILL AS OF 9/95 VEHICLE PRODUCTION	USE ONLY TEXACO ETL 7045E (REPLACES TEXACO ETL 7045) BMW PART NUMBER 83 22 0 026 922 25 LITER CONTAINER LIFETIME FILL	USE ONLY TEXACO ETL 8072 B BMW PART NUMBER 83 22 0 024 359 25 LITER CONTAINER LIFETIME FILL
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PRIOR TO REPLACING A GM FIVE SPEED TRANSMISSION - AN AUTHORIZATION CODE MUST BE OBTAINED FROM THE BMW TECHNICAL HOTLINE !

FILL CAPACITY:	<u>TRANSMISSION MODEL</u>	<u>WITH TORQUE CONVERTER</u>	<u>WITHOUT TORQUE CONVERTER</u>
	THM-R1 (A4S 270R)	8.8 LITERS	7.8 LITERS
	THM-R1 (A4S 310R)	8.8 LITERS	7.8 LITERS
	5L40-E/GM5 (A5S 360R)	9.0 LITERS	8.0 LITERS
	5L40-E/GM5 (A5S 390R)	9.0 LITERS	8.0 LITERS
	5L40-E/GM5 (A5S 390R) FOR X5	9.6 LITERS	8.6 LITERS

GM TRANSMISSION AND OIL APPLICATION CHART (2000-2002)

	2000	2001	2002
E46 323i/Ci	GM5 (A5S360R) 7/98 3/00		
E46 328i/Ci	GM5 (A5S 360R) 6/98 5/00		
E46 325xi/xiT		GM5 (A5S 390R) 8/00	
E46 325iT		GM5 (A5S 390R) 8/00 3/01	
E46 330xi		GM5 (A5S 390R) 8/00	
E39 528i/iT	GM5 (A5S 360R) 9/99 8/00		
E39 525i/iT		GM5 (A5S 390R) 9/00 3/01	
E39 530i		GM5 (A5S 390R) 9/00 3/01	
E53 X5 (3.0i)		GM5 (A5S 390R) 4/00	
E36 Z3 (2.3i / 2.8i / coupe)	THM-R1 (A4S 270R) 10/95 & (A4S 310R) 6/00		
E36 Z3 (2.5i / 3.0i / coupe)		GM5 (A5S 390R) 6/00	

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PRIOR TO REPLACING A GM FIVE SPEED TRANSMISSION - AN AUTHORIZATION CODE MUST BE OBTAINED FROM THE BMW TECHNICAL HOTLINE !

FILL CAPACITY:	TRANSMISSION MODEL	WITH TORQUE CONVERTER	WITHOUT TORQUE CONVERTER
	THM-R1 (A4S 270R)	8.8 LITERS	7.8 LITERS
	THM-R1 (A4S 310R)	8.8 LITERS	7.8 LITERS
	5L40-E/GM5 (A5S 360R)	9.0 LITERS	8.0 LITERS
	5L40-E/GM5 (A5S 390R)	9.0 LITERS	8.0 LITERS
	5L40-E/GM5 (A5S 390R) FOR X5	9.6 LITERS	8.6 LITERS

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 !

APPROVED OILS:	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 !**

FILL CAPACITY:	TRANSMISSION MODEL	WITH TORQUE CONVERTER	WITHOUT TORQUE CONVERTER
	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

ZF TRANSMISSION AND OIL APPLICATION CHART (2000-2002)

	2000	2001	2002
E46 323i/Ci	5HP19 (A5S 325Z) 3/00 8/00		
E46 325i/Ci/Cic	8/00	5HP19 (A5S 325Z)	
E46 325iT		3/01 5HP19 (A5S 325Z)	
E46 330i/Ci/Cic	6/00	5HP19 (A5S 325Z)	
E39 525i/iT		3/01 5HP19 (A5S 325Z)	
E39 530i		3/01 5HP19 (A5S 325Z)	
E39 540i/iT	1/97	5HP24 (A5S 440Z)	
E53 X5 (4.4i)	11/99	5HP24 (A5S 440Z)	
E53 X5 HP (4.6i)		9/01 5HP24 (A5S 440Z)	
E38 740i/iL	1/97	5HP24 (A5S 440Z) 2/02	
E38 750iL	1/95	5HP30 (A5S 560Z) 2/02	

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BMW TECHNICAL HOTLINE !**

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	4HP24	8.1 LITERS	3.1 LITERS
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	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