BMW

Engine type	Engine	Year of manufac-ture	Engine type												Transmission										Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
BMW 1 - Series																																	
116I (E87)	N40/N45	2004-07	4,25			○	○	●							1,1-1,6	●							0,8	●					●		7	●	○
116I (E81/E87)	N45T	2007-	4,25			○	○	●							1,6	●			9			a	0,8	●					○	●	7/7,6	●	○
118I, 120I (E87)	N46	2004-07	4,25			○	○	●							1,1-1,6	●			10			a	0,8	●					●		7,2/7,8	●	○
118I, 120I (E81/E87/E88)	N46T	2007-	4,25			○	○	●							1,6	●			9			a	0,8	●					○	●	7,2/7,8	●	○
125I (E82/E88)	N52K B25	2008 -	7			○	○	●							1,6	●			9-10			a	1	●					○	●	8,2/8,4	●	○
128I (E82/E88) USA	N52	2007-	6,5			○	○	●							1,6	●			9			a	1	●					○	●	8,2/8,4	●	○
128I (E82/E88) SULEV USA	N51	2008-	6,5			○	○	●							1,6	●			9			a	1	●					○	●	8,2/8,4	●	○
130I (E81/E87)	N52	2005-	6,5			○	○	●							1,6	●			9			a	1	●					○	●	8,2/8,4	●	○
135IS (E82/E88)	N54	2007-	6,5			○	○	●							1,6	●			9			a	1,2	●					○	●	8,2/8,4	●	○
118D, 118D DPF (E87)	M47TU2	2004-07	5,5			○	○	●							1,1-1,6	●							0,8	●					○	●	7,8	●	○
118D, 118D DPF (E81/E87/E88)	N47	2007-	5,2			○	○	●							1,6	●			9			a	1	●					○	●	7,2/7,4	●	○
120D, 120D DPF (E87)	M47TU2	2004-07	5,5			○	○	●							1,6	●			9			a	1	●					○	●	7,2/7,8	●	○
120D DPF (E81/E82/E87/E88)	N47	2007-	5,2			○	○	●							1,6	●			9			a	1	●					○	●	7,2/7,4	●	○
123D (E81/E82/E87/E88)	N47S	2007-08	5,2												1,6	●			9			a	1,2	●					○	●	7,2/7,4	●	○
123D (E81/E82/E87/E88)	N47S	09.2008-	5,2			○	○	●							1,6	●			9			a	1,2	●					○	●	7,2/7,4	●	○

Notes:

a - see the Operation manual.

BMW 3 - Series																																	
316I	M43	1993-99	4,25		○	●		○	○	○					1,1		●	a	3		●	b	1,1	●			1,2		●		6,5		●
316I COMPACT	M43	1993-01	4,25		○	●		○	○	○					1,1		●	a	3		●	b	0,9	●			1,2		●		6,5		●
316I COMPACT	M43TU	1999-01	4,25			○	○	●	○	○					1,1	●			3		●	b	0,9	●			1,2		●		6,5		●
316I	M43TU	1999-01	4,25			○	○	●	○	○					1	●			4		●	b	1,2	●			1		●		6		●
316I	N42	2001-04	4,25			○	○	●	○	○					1	●			9		●		1,2				1		●		7,5		●
316I	N40/N45	2004-	4,25			○	○	●							1,4	●							1	●					●		8,4		●
318I	M42/M43	1992-00	5,25/4,25		○	●		○	○	○					1,1		●	a	3		●	b	1,1	●			1,2		●		6,5		●
318IS	M42/M44	1992-99	5,25		○	●		○	○	○					1,1		●	a	3		●	b	1,1	●			1,2		●		6,5		●

Engine type	Engine	Year of manufac-ture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
318TI COMPACT	M42/M44	1994-01	5,25		○	●		○	○	○					1,1		●	a	3		●	b	0,9	●			1,2		●		6,5		●
318I	M43TU	1998-01	4,25			○	○	●	○	○					1	●			4		●	b	1,2	●			1		●		6		●
318I	N42	2001-04	4,25			○	○	●	○	○					1	●			4		●	b	1,2				1		●		7,5		●
318I	N46	2004-	4,25			○	○	●							1,4	●			9			c	1	●					●		8,4/9,2		●
320i	M52	1994-99	7,25		○	●		○	○	○					1,1		●	a	3		●	b	1	●			1,2		●		10,5		●
320I	M52TU	1998-00	6,5			○	○	●	○	○					1	●			9		●		1,2	●			1		●		8,4		●
320I	M54	2000-04	6,5			○	○	●	○	○					1	●			9		●		1,2	●			1		●		8,4		●
320I	N46	2004-	4,25			○	○	●							1,4	●			9			c	0,8	●					○	●	8,4/9,2		●
320SI	N45	2006-07	4,5			○	○	●							1,2	●			9				0,8	●					○	●	8,4/9,2		●
323I/323TI COMPACT	M52	1994-01	6,5		○	●		○	○	○					1,1		●	a	3		●	b	1,7	●			1,2		●		10,5		●
323I	M52TU	1998-00	6,5			○	○	●	○	○					1,2	●			9		●	b	1,2	●			1		●		8,4		●
323I	N52	2004-	6,5			○	○	●							1,4	●			9			c	1	●					○	●	8,2/8,4		●
323XI	N52	2005-	6,5			○	○	●							1,4	●		d	9			c	0,6/1	●		e			○	●	8,4/9,2		●
325I	M50	1991-95	7,25		○	○		●				○	○		1,1		●	a	3		●	b	1,7	●			1,2		●		10,5		●
325I	M54 B25	2000-04	6,5			○	○	●	○	○					1	●			9		●		1,2	●			1		●		8,4		●
325XI	M54 B25	2001-04	6,5			○	○	●	○	○					1	●		e	4		●	b	0,6/1,2	●		e	1		●		8,4		●
325I	N52/N52K	2004-	6,5			○	○	●							1,4	●			9			c	1	●					○	●	8,2/8,4		●
325XI	N52/N52K	2005-	6,5			○	○	●							1,4	●		e	9			c	0,6/1	●		e			●		8,2/8,5		●
328I	M52	1994-99	7,25		○	●		○	○	○					1,1		●	a	3		●	b	1,7	●			1,2		●		10,5		●
328I	M52(TU) B28	1998-00	6,5			○	○	●	○	○					1,2	●			9		●		1,2	●			1		●		8,4		●
328I (USA)/ (SULEV USA)	N52/N51	2006-	6,5			○	○	●							1,4	●			9			c	1	●					○	●	8,2/9		●
328XI (USA)/ (SULEV USA)	N52/N51	2006-	6,5			○	○	●							1,4	●		d	9			c	0,6/1	●		e			●		8,2/9		●
330I	M54 B30	2000-04	6,5			○	○	●							1,2	●					●	h	1,2	●			1		●		8,4		●
335I	N54	2007-	6,5			○	○	●							1,6	●			9			c	1,2	●					○	●	8,2/8,5		●
335XI	N54	2007-	6,5			○	○	●							1,6	●		d	9			c	0,6/1,2	●		e			●		8,2/8,5		●
M3	S50/S52	1995-99	5,5	○	○	●	○	○	○	○					1,2		●	a	3,2		●	b	1,7				1,2		●		10,8		●
M3	S54	2000-04	5,5								●					●							1,2				1		●		6		●
M3	S65	2007-	8,8								●				2,1	●							1,4	●					○	●	11,5	●	
318TDS, 318TDS COMPACT	M41	1994-99	5,5		○	○		●	○	○		○	○		1,1		●	a					1,1	●			1,2		●		7,5		●
318D	M47/M47TU	2000-04	5/5,5			○	○	●	○	○						●					●		1,2	●			1		●		7,9		●

Engine type	Engine	Year of manufacture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
318D, 318D DPF	M47TU2	2004-	5,5			O	O	●							1,4	●			9			c	1	●						●	7,2		●
320D	M47/M47TU	1998-04	5/5,5			O	O	●	O	O						●					●		1,2	●			1		●		7/9,3		●
320D, 320D DPF	M47TU2/N47	2004-	5,5			O	O	●							1,4	●			9			c	1	●					O	●	7,2/7,8		●
325TDS	M51	1993-99	7,5		O	O		●	O	O		O	O		1,2		●	a	3		●	b	1,7	●			1,2		●		8,8		●
325TD	M51	1996-99	8		O	O		●	O	O					1,2		●	a	3		●	b	1,7	●			1,2		●		8,8		●
325D, 325D DPF	M57TU2	2006-	7,5			O	O	●							1,6	●			9,2			c	1,2	●					O	●	7,9/8,2		●
330D	M57/M57TU	1999-04	6,75/7			O	O	●	O	O						●					●		1,2	●			1		●		10,2		●
330XD	M57/M57TU	2000-04	6,5/7			O	O	●								●		d			●		0,6/1	●		e	1		●		10,2		●
330D, 330D DPF	M57TU2	2004-	7,5			O	O	●							1,6	●			9,2			c	1,2	●					O	●	7,9/8,2		●
330XD, 330XD DPF	M57TU2	2004-	7,5			O	O	●							1,6	●		d	9,2			c	0,6/1,2	●		e			●		7,9/9,0		●
335D, 335D DPF	M57TU2	2006-	7,5			O	O	●							1,6	●			9,2			c	1,2	●					O	●	8,2		●

Note

a - marked with an orange plate (located next to the oil filler neck);

b - service filling capacity;

c - see the Operation manual;

d - transfer case: see the Operation manual;

e - differential: front/rear.

BMW 5 - Series																																	
520I	M52 B20	1995-00	6,5		O	O		●	O	O					1,1	●					●		1	●			1,2		●		10,5		●
520I	M54	2000-04	6,5		O	O	O	●	O	O					1,1	●			9		●		1				1,2		●		10,5		●
520I	M54	2003-07	6,5	O	O	O	O	●	O						1,9-2,5	●			9			a	1,2	●					●		9,8		●
520I	N43	2006-	4,25			O	O	●							1,9-2,5	●			9			a	1,2	●					●		9,8		●
523I	M52 B25	1995-00	6,5		O	O		●	O	O					1,2	●			9	O	●		1	●			1,2		●		10,5		●
523I	M52TU	2000-03	6,5		O	O	O	●	O	O					1,2	●					●		1	●			1,2		●		10,5		●
523I	N52	2004-	6,5		O	O	O	●	O						1,15	●			9			a	1,2	●					O	●	9,8		●
525I	M54 B25	2000-05	6,5		O	O	O	●	O	O					1,2	●			9	O	●		1				1,2		●		10,5		●
525I	M54 B25	2002-05	6,5		O	O		●	O	O					1,9-2,5	●			9			a	1,2	●					O	●	9,8		●
525I	N52, N52K	2005-	6,5			O	O	●							1,9-2,5	●			9			a	1,2	●					O	●	9,8		●
525XI	N52, N52K	2005-	6,5			O	O	●							1,9-2,5	●		b	9			a	0,6/1,2	●		c			●		9,8		●
528I	M52(TU) B28	1995-01	6,5	O	O	O		●	O						1,2	●			3,3		●	d	1	●			1,2		●		10,5		●
528I USA	N52	2006-	6,5			O	O	●							1,9-2,5	●			9			a	1,2	●					O	●	9,8		●

Engine type	Engine	Year of manufac-ture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
528XI USA	N52	2006-	6,5			○	○	●							1,9-2,5	●		b	9			a	0,6/1,2	●		c			●		9,8		●
530I	M54	2000-04	6,5		○	○		●	○	○					1,2	●			3,3	○	●	d	1	●			1,2		●		10,5		●
530I	M54 B30	2003-05	6,5		○	○	○	●	○	○					1,9-2,5	●			9			a	1,2	●					○	●	9,8		●
530I	N52, N52K	2005-	6,5			○	○	●							1,9-2,5	●			9			a	1,2	●					○	●	10/10,6		●
530XI	N52, N52K	2005-	6,5			○	○	●							1,9-2,5	●		b	9			a	0,6/1,2	●		c			●		10/10,6		●
535I	M62 B35	1996-00	7,5		○	○		●	○	○					1,2	●			4		●	d	1	●			1,2		●		12-13,5		●
535I	M62	2001-03	7,5		○	○	○	●	○						1,2	●			4		●	d	1	●			1,2		●		12		●
540I	M62 B44	1996-00	7,5		○	○		●	○	○					2,3	●			9-13,1		●		1	●			1,2		●		12		●
540I	N62TU B40	2005-	8			○	○	●							1,9-2,5	●			9			a	1,6	●					○	●	13,8/14,2		●
545I	N62 B44	2003-05	8		○	○	○	●	○						1,9-2,5	●			9			a	1,6	●					○	●	15		●
550I	N62TU B48	2005-	8			○	○	●							1,9-2,5	●			9			a	1,6	●					○	●	15		●
M5	S62	1998-00	6,5								●				2,3	●							1				1,2		●		12		●
M5	S62	2000-03	6,5								●				1,9	●							1,2				1,2		●		12,5		●
M5	S85	2003-	9,3								●				2,75	●							1,1						●		15		●
520D	M47	2000-03	6		○	○	○	●	○						1,2	●							1	●			1,2		●		8,4		●
520D	M47TU2	2005-06	5,5			○	○	●							1,9-2,5	●			9			a	1	●					○	●	12		●
520D DPF	M47TU2	2005-06	5,5			○	○	●							1,9-2,5	●			9			a	1	●					○	●	12		●
520D DPF	N47	2006-	5,2			○	○	●							1,9-2,5	●			9			a	1	●					○	●	7,2-7,4		●
525TD	M51	1997-00	6,75			○	○	●	○	○		○	○		1,2	●							1	●			1,2		●		10		●
525TDS	M51	1995-00	6,75			○	○	●	○	○		○	○		1,2	●			3,3		●	d	1	●			1,2		●		10		●
525D	M57	2000-04	6,5			○	○	●							1,2	●			7,8-9		●		1	●			1,2		●		9,2		●
530D	M57	1998-00	6,5		○	○	○	●	○						1,2	●			7,8		●		1	●			1,2		●		9,2		●
530D	M57	2000-04	6,5			○	○	●							1,2	●			7,8-9		●		1	●			1,2		●		9,2		●
525D/525D DPF	M57TU/M57TU2	2003-	8,25			○	○	●							1,9-2,5	●			9			a	1,6	●					○	●	9,8		●
525XD/525 XD DPF	M57TU2	2006-	8,25			○	○	●							1,9-2,5	●		b	9			a	0,6/1	●		c			●		9,8		●
530D/530D DPF	M57TU/M57TU2	2003-	8,25			○	○	●							1,9-2,5	●			9			a	1,6	●					○	●	9,8		●
525XD/525 XD DPF	M57TU2	2006-	8,25			○	○	●							1,9-2,5	●		b	9			a	0,6/1,6	●		c			●		9,8		●
535D/535D DPF	M57TU	2004-	8,5			○	○	●							1,9-2,5	●			9			a		●					○	●	9,8		●

Notes:

a - see the Operation manual;

b - transfer case: see the Operation manual;

c - differential: front/rear.

d - service filling capacity.

Engine type	Engine	Year of manufacture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
BMW 6 - Series																																	
630I	N52/N52K	2004-	6,5			O	O	●							1,6	●			9			a	1	●					O	●	9-10		●
645CI	N62 B44	2002-05	8			O	O	●							1,6	●			9			a	1,4	●					O	●	14,2		●
650I	N62TU B48	2005-	8			O	O	●							1,6	●			9			a	1,4	●					O	●	13,8		●
M6	S85	2004-	9,3								●				2,75	●							1,4						●		15		●
635D	M57TU2	2007-	7,7			O	O	●											9,2			a	1,4	●					O	●	8,2		●

Notes:

a - see the Operation manual.

BMW 7 - Series																																	
728I	M52(TU) B28	1996-01	5,75		O	O		●	O	O					1,2	●			4		●	a	1,2	●			1,2		●		11,2		●
730I	M60/1, E38	1994-96	7,5			O		●	O	O		O	O		1,2		●	b	7,8		●		1,4	●			1,2		●		12,5		●
730I	M54, N52	2002-08	6,5			O	O	●											9			c	1,2	●					O	●	11,4		●
735I	M62 B35	1996-01	7,5		O	O		●	O	O					1,2	●			4		●	a	1,2	●			1,2		●		12,5		●
735I	N62	2001-05	8			O	O	●											9			c	1,4	●					O	●	14,1		●
740I	M60/2, E38	1994-96	7,5			O		●	O	O		O	O		1,7		●	b	5,5		●	a	1,6	●			1,2		●		12,5		●
740I	M62 B44	1996-01	7,5		O	O		●	O	O					1,7	●			5,5		●	a	1,2	●			1,2		●		12,5		●
740I	N62TU B40	2005-08	8			O	O	●											9			c	1,4	●					O	●	14,1		●
740I	N54	2008-	6,5			O	O	●											9-10			c		●					O	●	9		●
745I	N62 B44	2001-05	8		O	O	O	●	O	O									9			b	1,5	●					O	●	14,1		●
750I	M73 B54	1996-01	8			O		●											5,5		●	a	1,2	●			1,2		●		13		●
750I	N62TU B48	2005-08	8			O	O	●											9			c	1,5	●					O	●	15		●
750I	N63	2008-	8,5			O	O	●											9-10			c		●					O	●	13,5		●
760I	N73	2000-08	8,5			O	O	●											9			a	1,5	●					O	●			●
725TDS	M51	1996-00	7		O	O	O	●	O						1,2		●		4		●	a	1,4	●			1,2		●		9,8		●
730D	M57	1998-01	7		O	O	O	●	O						1,2		●				●		1,2				1,2		●		9,2		●
730D, 730D DPF	M57TU	2002-08	8,25			O	O	●											9			c	1,4	●					O	●	10		●
730D	N57	2008-	7,2			O	O	●											9-10			c		●					O	●	8,9		●

Engine type	Engine	Year of manufac-ture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
740D	M67	1998-01	9,5		○	○	○	●	○												●		1,2				1,2		●		16		●
740D, 740D DPF	M67	2002-05	9,5			○	○	●											9			c	1,5	●					○	●	16,4		●
745D DPF	M67TU	2005-08	9,5			○	○	●											9			c	1,5	●					○	●			●

Notes:

a - service filling capacity;

b - marked with an orange plate (located next to the oil filler neck);

c - see the Operation manual.

BMW 8- Series																																
840Cl	M60	1993-96	7,5		○	○		●	○	○		○	○		1,75		●	a	3		●	b	1,9	●						●	12,5		●
840Cl	M62 B44	1995-99	7,5		○	●		○	○	○					1,75		●	a	3		●	a	1,9	●						●	12,5		●
850Cl	M73 B54	1994-99	8		○	●		○	○	○									3		●	b	1,9	●			2,4			●	13		●
850CSl	S70 B56	1994-97	7,5		○	●		○	○	○		○	○		2,3		●	a					2,7	●			2,4			●	13		●

Notes:

a - marked with an orange plate (located next to the oil filler neck);

b - service filling capacity.

BMW X1																																
s Drive 18i	N43	2009-				○	●	○														a						●		○	7,5	●	
2.8iX	N52K E84	2008-	6,5			○	●	○							1,6	●			9,5			a	0,6/0,9	●		b		●		○	8,5	●	
x Drive 28i	N52K B30	2009-				○	●	○														a						●		○	7,5	●	
s/x Drive 18d, 20d, 23d	N47S B20	2009-					●															a						●		○	7,5	●	
2.0d, 2.0dX	N47 E84	2008-	5,2				●								1,6	●			9,5			a	0,6/0,9	●		b		●		○	7,5	●	
2.3dX	N47S E84	2008-	5,2				●												9,5			a	0,6/0,9	●		b		●		○	7,9	●	

Notes:

a - see the Operation manual;

b - differential: front/rear;

c - hydraulic system: steering linkage with a booster/suspension stabilization (AFS/ARS) - XADO CHF.

BMW X3																																
2.0l	N46	2004-	4,25	○	○	○	○	●							1,6	●		a					0,7/1	●		b		○	○	●	9		●
2.5l	M54 B25	2004-	6,2	○	○	○	○	●							1,6	●		a	9	●			0,7/1	●		b		○	○	●	12		●
2.5Sl	N52K	2006-	6,5	○	○	○	○	●							1,6	●		a	9	●			0,7/1	●		b		○	○	●	10,6		●
3.0l	M54 B30	2004-	6,2	○	○	○	○	●							1,6	●		a	9	●			0,7/1	●		b		○	○	●	10,6		●

Engine type	Engine	Year of manufac-ture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
3.0SI	N52K	2006-	6,5	O	O	O	O	●							1,6	●		a	9	●			0,7/1	●		b		O	O	●	10,6		●
xDrive18d	N47S D20	2009-	5,2			O	●	O							1,6	●		a					0,7/1			b,c		O		●	9,4	●	
2.0 D, DPF	M47TU2	2004-	5,3			O	●	O							1,6	●		a					0,7/1	●		b		O	O	●	12		●
3.0D	M57TU	2004-05	7,5	O	O	O	●	O							1,6	●		a	9		●		0,7/1	●		b		O	O	●			●
3.0 D, 3.0 D DPF	M57TU2	2005-	7,5			O	●	O							1,6	●		a				c	0,7/1	●		b		O	O	●			●
3.0SD, DPF	M57TU2	2006-	7,5			O	●	O														a,c	0,7/1	●		b		O	O	●	10,9		●

Notes:

a - transfer case: see the Operation manual;

b - differential: front/rear;

c - see the Operation manual;

d - hydraulic system: steering linkage with a booster/suspension stabilization (AFS/ARS) - XADO CHF.

BMW X5																																	
3.0I	M54	1999-03	6,5	O	O	O	O	●	O	O					1,3	●		a	8,4	●			0,7/1,2	●		b			O	●	10,5		●
3.0I	M54	2003-07	6,5	O	O	O	O	●	O	O					1,6	●		a	8,4	●			0,7/1,2	●		b			O	●	10,5		●
3.0SI	N52K	2007-	6,5			O	O	●											9,4			a,c	0,7/1	●		b			O	●	10,5		●
4.4I	M62	1999-03	8	O	O	O	O	●	O	O									9,7		●	a	0,7/1,2	●		b			O	●	12		●
4.4I	N62 B44	2003-07	8	O	O	O	O	●	O	O									9,6			a,c	0,7/1,2	●		b			O	●	14		●
4.6IS	M62	2001-04	8	O	O	O	O	●	O	O									9,7		●	a	0,7/1,2	●		b			O	●	13		●
4.8IS	N62/S	2004-07	8	O	O	O	O	●	O	O									8,4	●		a,d	0,7/1,4	●		b			O	●	13		●
4.8I	N62TU B48	2007-	8			O	O	●											9,2			c,e	0,7/1	●		b			O	●	10,5		●
3.0D, DPF	M57	2001-03	6,5			O	●	O								●			8,4	●		a	0,7/1,2	●		b			O	●	10,5		●
3.0D, DPF	M57TU	2003-07	7,5			O	●	O							1,6	●			10,1			a,c	0,7/4	●		b			O	●	10,5		●
3.0D, DPF	M57TU2	2007-	7,5			O	●	O											9,2			c,e	0,7/1	●		b			O	●	10,5		●
3.5D, DPF	M57TU2	2008-	7,5			O	●	O											9,2			c,e	0,7/1	●		b			O	●			●

Notes:

a - transfer case: NV 125 - 0,5L XADO ATF III/IV/V, X Drive ATC 400/500 - 0,9 L see the Operation manual;

b - differential: front/rear;

c - see the Operation manual;

d - Automatic transmission: ZF-6HP-26/1 - 10,1 L see the Operation manual;

e - transfer case: X DRIVE, ATC 700, see the Operation manual.

Engine type	Engine	Year of manufacture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
BMW X6																																	
xDrive 35i	N54	2008-				O	●	O														a,b	-/1	●		c,d,e		O		●		●	
xDrive 50i	N63	2008-	8,5			O	●	O														a,b	-/1	●		c,d,e		O		●		●	
xDrive 30d, 35d	M57TU2	2008-				O	●	O														a,b	-/1	●		c,d,e		O		●		●	

Notes:

a - see the Operation manual;

b - transfer case: see the Operation manual;

c - differential: front/rear;

d - rear differential with QMVH exterior section, see the Operation manual;

e - front differential, see the Operation manual.

BMW Z3																																	
1.9l	M43TU B19	2000-03	4		O	O	O	●	O						1		●	a	3		●	b	1	●			1,2		●		6,6		●
2.0l	M52TU	1999-00	4		O	O	O	●	O	O					1	●			4		●	b	1	●			1,2		●		10,5		●
2.2l	M54 B22	2000-03	6,5	O	O	O	O	●	O						1	●			4		●	b,c	1			d	1		●		10,5		●
2.5l	M52,M52TU,M54 B25	1996-03	6,5		O	O	O	●	O						1	●			4		●	b,c	1			d	1		●		10,5		●
2.8l	M52,M52(TU) B28	1996-00	6,5		O	O	O	●	O	O					1	●			3		●	b,c	1	●			1,2		●		10		●
3.0l	M54 B30	2000-03	6,5		O	O	O	●	O						1,2	●			4		●	b,c	1			d	1		●		10,5		●
M	S50 B32	1997-03	5,5		O	O		●	O	O	O				1		●	a					1			d	1,2		●		10,8		●

Notes:

a - marked with an orange plate (located next to the oil filler neck);

b - service filling capacity;

c - Automatic transmission GM (A5S 360R/390R) - 9 L XADO ATF VI;

d - see the Operation manual.

BMW Z4																																	
2.0l	N46	2004-	4,25			O	O	●								●							0,9-1,6	●							9,0		●
2.2l	M54 B22	2002-06	6,5			O	O	●							1	●			8,9		●		0,9-1,6	●							8,8		●
2.5l	M54 B25	2002-06	6,5			O	O	●								●			8,9		●		1,2	●							8,3		●
Z4 2.5l, Z4 2.5SI	N52	2006-	6,5			O	O	●								●			8,9		●		1,2	●							12		●

Engine type	Engine	Year of manufac-ture	Engine type												Transmission												Steering booster				Cooling system		
															Gear box								Differential										
															Manual transmission				Automatic transmission														
			Filling capacity, L	XADO 0W-30 SL/CF	XADO 0W-40 SL/CF	XADO 5W-30 SM/CF	XADO 5W-30 504/507	XADO 5W-40 SM/CF	XADO 5W-40 SL/CF	XADO 5W-40 SL/CF City Line	XADO 10W-60 SL/CF Rally Sport	XADO 10W-40 SL/CI-4	XADO 10W-40 SL/CF	Note	Filling capacity, L	XADO 75W-80GL 4	XADO ATF III	Note	Filling capacity, L	XADO ATF VI	XADO ATF III/IV/V	Note	Filling capacity, L	XADO 75W-90 GL 3/4/5	XADO 85W-140 GL 5 LSD	Note	Filling capacity, L	XADO ATF III/IV/V	XADO ATF III	XADO CHF	Filling capacity, L	XADO Antifreeze Red 12+	XADO Antifreeze Green 11
3.0I	M54 B30	2002-06	6,5			O	O	●								●			8,9		●		1,2	●							8,3		●
3.0SI	N52	2006-	6,5			O	O	●							1,6	●			8,9		●		1,2	●							8,4		●
M	S54	2006-	5,5								●				1	●							1,2			a					10,7		●

Notes:

a - see the Operation manual.

BMW Z8																																	
Z8	S62	2000-03	7,5			O		●							1,9	●							1,2			d	1,2		●		12,5	●	