PANTHEROL ANTIFREEZE - PASSENGER CARS

COLOUR KEY AND PRODUCT RANGE G11 / G48 G12+ G12++ G13 G12EVO

MANUFACTURER	FROM	TO	COOLANT SPECIFICATION	PRODUCT
Alfa Romeo	01.01.1976.	31.12.2005.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2006.	Onwards		Pantherol Antifreeze G12+
Audi	01.01.1981.	31.12.1995.	TL 774-C	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1996.	01.08.2007.	TL 774-D/F	Pantherol Antifreeze G12+
	01.08.2007.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Baojun (SGMW)		Onwards		Pantherol Antifreeze G12+
		Onwards		Pantherol Antifreeze G12++
Bentley	01.01.1980.	31.12.2004.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2005.	01.08.2008.	TL 774-D/F	Pantherol Antifreeze G12+
	01.01.2008.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Besturn (FAW)		Onwards		Pantherol Antifreeze G12+
BMW	01.01.1975.	01.01.2019.	BMW LC-87	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	02.01.2019.	Onwards	BMW LC-18	N/A
Briliance (Zhonghua)		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Bugatti	01.01.2008.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Buick			GM 6277M / GMW 3420 (Dex-Cool)	N/A
Cadillac			GM 6277M / GMW 3420 (Dex-Cool)	N/A
Changan		Onwards		Pantherol Antifreeze G12+
Chery				N/A
Chevrolet	01.01.2001.	Onwards		Pantherol Antifreeze G12+
	01.01.2001.	Onwards	GM 6277M / GMW 3420 (Dex-Cool)	N/A
Chrysler	01.01.2011.	Onwards		Pantherol Antifreeze G12+
		31.12.2010.	MS-9769	N/A
Citroen	01.01.1993.	Onwards		Pantherol Antifreeze G12+
	01.01.1993.	Onwards	PSA B71 5110	N/A
Dacia	01.01.2005.	Onwards		Pantherol Antifreeze G12+
Daihatsu	01.01.1979.	Onwards		Pantherol Antifreeze G12+
Dayun		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48

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Dodge	01.01.2011.	Onwards		Pantherol Antifreeze G12+
		31.12.2010.	MS-9769	N/A
FAW-Car		Onwards		Pantherol Antifreeze G12+
Fengshen (DongFeng)		Onwards		Pantherol Antifreeze G12+
Ferrari	01.01.1979.	31.12.2009.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2010.	Onwards		Pantherol Antifreeze G12+
Fiat	01.01.1982.	31.12.2004.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2005.	Onwards		Pantherol Antifreeze G12+
FIAT (GAC)		Onwards		Pantherol Antifreeze G12++
Ford	01.01.1998.	Onwards		Pantherol Antifreeze G12+
		31.12.1997.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Ford (North America)			WSS-M97B51-A1	N/A
Geely	01.01.2020.	Onwards		N/A
General Motors			GM 6277M / GMW 3410 (Dex-Cool)	N/A
Gleagle		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
				N/A
Great Wall Motors		Onwards		Pantherol Antifreeze G12+
Haima (FAW)		Onwards		Pantherol Antifreeze G12+
		Onwards		Pantherol Antifreeze G12++
Honda	01.01.1983.	Onwards		Pantherol Antifreeze G12+
Huansu (BAIC)		Onwards		Pantherol Antifreeze G12++
Hyundai	01.01.1982.	Onwards		Pantherol Antifreeze G12+
Infiniti		Onwards		Pantherol Antifreeze G12++
Infiniti (DongFeng)		Onwards		Pantherol Antifreeze G12++
Jaguar	01.01.1986.	31.12.1998.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1999.	Onwards		Pantherol Antifreeze G12+
Jeep	01.01.2011.	Onwards		Pantherol Antifreeze G12+
		31.12.2010.	MS-9769	N/A
Jinbei (Briliance)		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
KIA	01.01.1991.	Onwards		Pantherol Antifreeze G12+
Lada		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Lamborghini	01.01.1997.	31.12.2008.	TL 774-D/F	Pantherol Antifreeze G12+
	01.01.2009.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Lancia	01.01.1976.	31.12.2004.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2005.	Onwards		Pantherol Antifreeze G12+
Land Rover	01.01.1998.	31.12.2005.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2006.	Onwards		Pantherol Antifreeze G12+
Land Rover (Chery)		Onwards		Pantherol Antifreeze G12+
		Onwards		Pantherol Antifreeze G12++

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Lexus	01.01.1994.	Onwards		Pantherol Antifreeze G12+
Li Auto		Onwards		Pantherol Antifreeze G12+
Lotus	01.01.1980.	31.12.1999.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2000.	Onwards		Pantherol Antifreeze G12+
Mahindra	01.01.2010.	Onwards		N/A
		31.12.2009.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Maserati		Onwards		Pantherol Antifreeze G12+
Mazda	01.01.1977.	Onwards		Pantherol Antifreeze G12+
Mercedes-Benz Cars	01.01.1976.	30.04.2014.	MB 325.0	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.05.2014.	Onwards	MB 325.6	Pantherol Antifreeze G12++
	01.01.1976.	30.04.2014.	MB 326.0	"Pantherol Antifreeze G11 / Pantherol Antifreeze G48 50 : 50 (concentrate : water)"
	01.05.2014.	Onwards	MB 326.6	"Pantherol Antifreeze G12++ 50 : 50 (concentrate : water)"
	27.01.2021.	26.01.2026.	MB 326.64	"Pantherol Antifreeze G12++ 50 : 50 (concentrate : water)"
MINI (BMW)	01.01.2001.	Onwards	BMW LC-87	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2007.	01.01.2011.	BMW LC-07	Pantherol Antifreeze G12+
Mitsubishi	01.01.1982.	Onwards		Pantherol Antifreeze G12+
Mitsubishi Carisma	01.01.1996.	31.12.2003.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Mitsubishi Colt	01.01.2004.	01.01.2007.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Morgan				Pantherol Antifreeze G11 / Pantherol Antifreeze G48
NIO				N/A
Nissan	01.01.1982.	Onwards		Pantherol Antifreeze G12+
Nissan (Dongfeng)		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Opel	01.01.1975.	31.12.2000.	B 040 0240	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2001.	Onwards		Pantherol Antifreeze G12+
	01.01.2001.	Onwards	B 040 1065 / GM 6277M / GMW 3420	COMING SOON - Pantherol Antifreeze G12EVO
Peugeot	01.01.1993.	Onwards		Pantherol Antifreeze G12+
	01.01.2000.		PSA B71 5110 (G33)	Pantherol Antifreeze G12+ (complete coolant replacement required)
Porsche		31.12.1995.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1996.	31.12.2009.	TL 774-D/F	Pantherol Antifreeze G12+
	01.01.2010.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.		TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Qoros		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Renault	01.01.1995.	Onwards		Pantherol Antifreeze G12+
Rolls-Royce	01.01.1998.	Onwards	BMW LC-87	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Rover	01.01.1982.	Onwards		Pantherol Antifreeze G12+

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Saab	01.01.1975.	31.12.2000.	690 1599	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2001.	Onwards		Pantherol Antifreeze G12+
	01.01.2001.		GM 6277M	COMING SOON - Pantherol Antifreeze G12EVO
	01.01.1985.	31.12.1996.	TL 774-C	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1997.	31.12.2007.	TL 774-D/F	Pantherol Antifreeze G12+
	01.01.2008.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Seat / Cupra	01.01.1981.	31.12.1995.	TL 774-C	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1996.	01.07.2007.	TL 774-D/F	Pantherol Antifreeze G12+
	01.08.2007.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Skoda	01.01.1989.	31.12.1997.	TL 774-C	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1998.	31.08.2008.	TL 774-D/F	Pantherol Antifreeze G12+
	01.09.2008.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Smart	01.11.2014.	Onwards		Pantherol Antifreeze G12+
		01.10.2014.	MB 325.0	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Subaru	01.01.1977.	Onwards		Pantherol Antifreeze G12+
Suzuki	01.01.1981.	Onwards		Pantherol Antifreeze G12+
Tata	01.01.2007.			N/A
Tianjin (FAW)		Onwards		Pantherol Antifreeze G12+
Toyota	01.01.1978.	Onwards		Pantherol Antifreeze G12+
	01.01.2015.	Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Vauxhall	01.01.2001.	Onwards		Pantherol Antifreeze G12+
			GM 6277M	COMING SOON - Pantherol Antifreeze G12EVO
Volkswagen	01.01.1975.	31.12.1996.	TL 774-C	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.1997.	31.08.2008.	TL 774-D/F	Pantherol Antifreeze G12+
	01.09.2008.	Onwards	TL 774-G	Pantherol Antifreeze G12++
	01.06.2018.	Onwards	TL 774-J	Pantherol Antifreeze G13
	01.06.2018.	Onwards	TL 774-L	COMING SOON - Pantherol Antifreeze G12EVO
Volvo Cars			TR-31854114-002	COMING SOON - Pantherol Antifreeze G12EVO
Weiwang (BAIC)		Onwards		Pantherol Antifreeze G12++
Zastava		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48

Key guidelines for antifreeze use (as stated in this document):
Mixing ratio: Never use the concentrate undiluted. The recommended concentrate-to-water ratio is 50:50 (1:1).
Dilution water: Use demineralised or distilled water.
Replacement: For newer vehicles, follow the OEM recommendations. For older vehicles, replace the coolant every 2 to 3 years.
When carrying out repairs, always drain and flush the cooling system completely before refilling with fresh coolant mixture.