PANTHEROL ANTIFREEZE - OTHER VEHICLES AND MACHINERY

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

MANUFACTURER	FROM	TO	COOLANT SPECIFICATION	PRODUCT
2G Energietechnik GmbH		Onwards	-	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Aprilia		Onwards		Pantherol Antifreeze G12+
ATLAS		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
BMW Motorrad	01.01.1975.	01.01.2019.	BMW LC-87	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	02.01.2019.		BMW LC-18	N/A
Cummins		Onwards	CES14603	Pantherol Antifreeze G12+
		Onwards	CES14636	
		Onwards	CES14439	
		Onwards	CES 14603	Pantherol Antifreeze G12++
Deutz		Onwards	DQC CB-14	Pantherol Antifreeze G12+
		Onwards	DQC CC-14	Pantherol Antifreeze G12++
		Onwards	DQC CA-14	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Deutz-Fahr	01.04.2017.	Onwards		Pantherol Antifreeze G12++
	01.04.2017.		(G64)	N/A
		31.03.2017.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Ducati		Onwards	TL 774-G	Pantherol Antifreeze G12++
Faun		Onwards		Pantherol Antifreeze G12++
Fendt	01.01.2024.	Onwards		Pantherol Antifreeze G12++
		31.12.2023		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Gilera		Onwards		Pantherol Antifreeze G12+
Harley-Davidson		Onwards		Pantherol Antifreeze G12+
Hitachi		Onwards		Pantherol Antifreeze G12+
Honda Motorbike		Onwards		Pantherol Antifreeze G12+
Huerlimann	01.04.2017.		(G64)	N/A
		31.03.2017.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
JCB			STD 00088	N/A
Jenbacher		30.11.2023	TA 1000-0200	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
John Deere-Tractors	01.01.2011.		JDM H24	Pantherol Antifreeze G12++
		31.12.2010.	JDM H5	Pantherol Antifreeze G12+
Kawasaki		Onwards		Pantherol Antifreeze G12+
Komatsu		Onwards		Pantherol Antifreeze G12+
KTM		Onwards		Pantherol Antifreeze G12+
Kymco		Onwards		Pantherol Antifreeze G12+

MANUFACTURER	FROM	TO	COOLANT SPECIFICATION	PRODUCT
Lamborghini-Tractors	01.04.2017.		(G64)	N/A
		31.03.2017.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Liebherr	01.01.2015.	Onwards	Minimum LH-01-COL3A	Pantherol Antifreeze G12++
		01.01.2014.	Minimum LH-00-COL3A	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
MAN Energy Solutions		Onwards	BASF-CW-GLY00G40-01	Pantherol Antifreeze G12++
		Onwards	BASF-CW-GLY00G48-01	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
			BASF-CW-GLY00G64-01	N/A
MTU			MTL 5048 (G05)	N/A
		Onwards	MTL 5048 (G30)	Pantherol Antifreeze G12+
		Onwards	MTL 5048 (G40)	Pantherol Antifreeze G12++
		Onwards	MTL 5048 (G48)	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
MWM		Onwards	TR 2091	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
			TR 2091 (G64)	N/A
Perkins			(G64)	N/A
Peugeot Motorbike		Onwards		Pantherol Antifreeze G12+
Piaggio		Onwards		Pantherol Antifreeze G12+
Same	01.04.2017.		(G64)	N/A
		31.03.2017.		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Siemens Wind Power		Onwards		Pantherol Antifreeze G12+
Suzuki Motorbike		Onwards		Pantherol Antifreeze G12+
SYM		Onwards		Pantherol Antifreeze G12+
Tadano		Onwards		Pantherol Antifreeze G12++
TGB		Onwards		Pantherol Antifreeze G12+
Triumph		Onwards		Pantherol Antifreeze G12+
Volvo Construction		Onwards		Pantherol Antifreeze G12+
Yamaha		Onwards		Pantherol Antifreeze G12+



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.