PANTHEROL ANTIFREEZE - COMMERCIAL VEHICLES

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

MANUFACTURER	FROM	TO	COOLANT SPECIFICATION	PRODUCT
CNHTC (Sinotruck)		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Daewoo		Onwards		Pantherol Antifreeze G12+
DAF		Onwards	MAT 74002	Pantherol Antifreeze G12+
Daimler Truck & Buses	01.01.2000.	Onwards	MB 325.3 / DTFR 29C110	Pantherol Antifreeze G12+
	01.01.2000.	Onwards	MB 326.3 / DTFR 29D110	"Pantherol Antifreeze G12+ [50% concentrate : 50% water]"
		30.9.2011.	MB 325.0 / DTFR 29C100	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
		30.9.2011.	MB 326.0 / DTFR 29D100	"Pantherol Antifreeze G11 / Pantherol Antifreeze G48 [50% concentrate : 50% water]"
	01.10.2011.	Onwards	MB 325.5 / DTFR 29C120	Pantherol Antifreeze G12++
	01.10.2011.	Onwards	MB 326.5 / DTFR 29D120	"Pantherol Antifreeze G12++ [50% concentrate : 50% water]"
Detroit Diesel Corporation	02.08.2024.	Onwards	DFS93K217ELC	Pantherol Antifreeze G12+
Eicher		Onwards	TMTL Part No. 93183798	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Fuso		Onwards		Pantherol Antifreeze G12+
GMC		Onwards		Pantherol Antifreeze G12+
Hino		Onwards		Pantherol Antifreeze G12+
Irizar	01.09.2016.	Onwards		Pantherol Antifreeze G12++
Iveco	01.01.2014.	Onwards		Pantherol Antifreeze G12+
		01.12.2013.		N/A
MAN Truck & Bus	1.12.2012	Onwards	MAN 324 Typ Si-OAT	Pantherol Antifreeze G12++
		30.11.2012	MAN 324 Typ NF	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
		Onwards	MAN 324 Typ SNF	Pantherol Antifreeze G12+
Renault Truck		Onwards		Pantherol Antifreeze G12+
SETRA		Onwards	MB 325.3	Pantherol Antifreeze G12+
		Onwards	MB 326.3	"Pantherol Antifreeze G12+ [50% concentrate : 50% water]"
		Onwards	MB 325.5	Pantherol Antifreeze G12++
		Onwards	MB 326.5	"Pantherol Antifreeze G12++ [50% concentrate : 50% water]"
		Onwards	MB 325.0	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
		Onwards	MB 326.0	"Pantherol Antifreeze G11 / Pantherol Antifreeze G48 [50% concentrate : 50% water]"
Solaris		Onwards		Pantherol Antifreeze G12+
UD Nissan Diesel		Onwards		Pantherol Antifreeze G12+
Van Hool		Onwards		Pantherol Antifreeze G12+
		Onwards		Pantherol Antifreeze G11 / Pantherol Antifreeze G48
Volvo Trucks	01.01.1991.	31.12.2005.	TR 1286083	Pantherol Antifreeze G11 / Pantherol Antifreeze G48
	01.01.2006.	Onwards		Pantherol Antifreeze G12+
Wrightbus		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.