



# 7 YEAR 450,000KM GREEN COOLANT

Type A - Anti Freeze Anti Boil Coolant

Issue Date: April 2017

PENRITE

CONCENTRATE		
Product Code	Pack Size	Carton Qty
COOLGREEN001	1 Litre	6
COOLGREEN0025	2.5 Litre	4
COOLGREEN005	5 Litre	3
COOLGREEN020	20 Litre	
COOLGREEN060	60 Litre	
COOLGREEN205	205 Litre	
PREMIX 50% (Ready to use)		
Product Code	Pack Size	Carton Qty
COOLGREENPMX001	1 Litre	6
COOLGREENPMX005	5 Litre	3
COOLGREENPMX020	20 Litre	
COOLGREENPMX205	205 Litre	



## Description

**7 Year 450,000KM Green Coolant** is a **GENUINE GLYSANTIN G48**, Original Equipment Manufacturer (OEM), **Fully Licensed and Warranty Approved**, Type "A" Ethylene glycol, Anti-Freeze Anti-Boil as used in initial manufacturer factory fills. It uses a technically advanced **HYBRID** (HOAT - Hybrid Organic Acid Technology) based inhibitor system that is **Phosphate, Amine and Nitrite free**. The extended long life inhibitor formulation prevents rust, corrosion, cavitation and degradation of the cooling system. It is available in both concentrate and premix formulations.

## Application

**7 Year 450,000KM Green Coolant** is suitable for the cooling systems of petrol, LPG, light and heavy duty diesel and industrial engines where Hybrid (HOAT) type anti-freeze / anti-boil and anti-corrosion properties are required.

**7 Year 450,000KM Green Coolant** is suitable for passenger cars, 4WD's, motorcycles, light & heavy duty commercial vehicles, construction and agricultural equipment. It is especially suited to vehicles of European origin such as Audi / VW (G11), BMW, Mercedes, Porsche (Pre-1995), Volvo, Opel & Saab, but it may be used in all types of vehicles.

**7 Year 450,000KM Green Coolant** provides long-term protection against rust and corrosion for all materials used in the engine and in the cooling system construction. It protects cast iron, aluminium, copper and solder alloys as well as the hoses, seals and plastics used for the cooling system construction. It is effective in all cast iron aluminium engines that are under load or used in extreme hot and cold climates.

**7 Year 450,000KM Green Coolant** may be used in all types of vehicles that use green, blue or yellow coloured initial fill coolants and it is also suitable for use in out of warranty service to maintain OEM performance. It is also ideal for motorcycles.

**7 Year 450,000KM Green Coolant Premix** is a 50% concentration formulation and is ready to use directly from the container. It is pre-mixed with de-mineralised water and can be poured directly into the cooling system. No further dilution is required. It can be used as a complete service refill, top up or is safe to mix with compatible Type A coolant. Penrite recommend that a 50% concentration level should be maintained for maximum performance and longevity of the coolant and protection of the cooling system.

**7 Year 450,000KM Green Coolant Concentrate** should be used at a concentration level of 50%. We recommend using de-mineralised water when mixing although the phosphate free formulation allows it to be mixed with normal tap water if necessary.

*Penrite recommend flushing the cooling system prior to a complete service refill. **Penrite Radiator Flush** effectively cleans the system in 7 minutes and prepares the cooling system for new coolant.*

<b>Dose</b>	<b>Freezing Point</b>	<b>Boiling Point</b>
50%	-38°C	109°



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### Service Interval

When used as indicated and correctly maintained -

Passenger Cars, 4WD, Light Commercial	7 years or 450,000km (whichever comes first)
Heavy Duty On Highway Diesel	7 years or 600,000km (whichever comes first)
Heavy Duty Off Highway Diesel	7 years or 6000 hours (whichever comes first)

### Product Benefits

- **7 Year 450,000km** drain intervals if used and maintained at 50%.
- **OEM Approved** to maintain manufacturer's warranty & specifications
- Compatible with plastics, rubbers and seals.
- Protects all internal surfaces from corrosion, including aluminium.
- **Phosphate** free formulation allows use with hard water.
- **Nitrite** and **amine** free.

### OEM Approvals

Audi/Bentley/Lamborghini/Seat/Skoda/VW TL 774-C (G11)	BMW N 600 69.0
Deutz H-LV 0161 0188	German Army TL 6850-0038/1
Jaguar VIN 878388 (Built to 1999)	Jenbacher TA-Nr. 1000-0201
MAN B&W List 3.3.7	Liebherr TLV 035, TLV 23009 A
M/Benz Specification 325.0	MAN 324 NF
Porsche (pre 1995)	Maybach Specification 325.0
Smart Specification 325.0	MTU MTL 5048
Volvo Car 1286083 Issue 002	Rolls Royce (post 1998)
	Tesla (Vehicles built from 2013)
	Volvo Truck (pre 2005)
	Zastava

**Note:** Mixing this product with other coolants will null and void any OEM approvals.

### Industry and Manufacturers Specifications

AS 2108-2004 Type A	ASTM D3306	BS 6580
Cummins 85T8-2/CESMG03	Chrysler MS-9769	Deutz AG 0199-99-1115
Federal Standard O-A-548D	Ford M97B44-A/M97B51-A1	GM 1825M/1899M
Holden HN2217/HN2043	JIS K2234 (Japan)	JASO M325 (Japan)
JI Case JIC 501	JCB STD 0088	John Deere JDM H24
KSM 2142 (Korea)	Leyland BLS.22.AF.01	Opel QL 13D100
Mercedes MB326.0 (Premix 50% Only)	Rover BLS.22.AF.01	SAE J1034

### Can also be used in the following vehicles:

Alfa Romeo	Audi	Bentley	BMW	Chrysler	Daewoo
Daihatsu	Dodge	Ferrari	Fiat	Ford	German Army
Great Wall	GM	Holden	Hyundai	JI Case	Lada
Jaguar	JCB	Jeep	Kia	Lamborghini	Lancia
Land Rover	Leyland	Lexus	Mazda	Mercedes	MINI Petrol
Mitsubishi	Nissan	Opel	Porsche	Proton	Rolls Royce
Rover	Saab	Seat	Skoda	SsangYong	Suzuki
Triumph	Vauxhall	Volkswagen	Volvo		

### Heavy Duty

Atlas	Caterpillar	CNH	Cummins	Demag	Western Star
Detroit Diesel	Deutz	Fendt	Ford	Freightliner	Volvo
Ginaf	GMC	Gottwald	Grove	Hiab	Hino
International	Isuzu	Iveco	JI Case	John Deere	Kenworth
Kubota	Leibherr	Mack	MAN	Mercedes Benz	MTU
Perkins	Sterling				

### Typical Data

Colour	Green
Density at 20°C, kg/L (Concentrate)	1.123
Density at 20°C, kg/L (Premix 50%)	1.073
Glycol Content, g/L (Concentrate)	1064
Glycol Content, g/L (Premix 50%)	532

To ensure you use the correct coolant in your vehicle, refer to the Penrite Recommendation Guide located at [www.penriteoil.com](http://www.penriteoil.com) or refer to your owner's handbook.

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



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