



PENRITE

# 7 YEAR 450,000KM BLUE COOLANT

## Type A - Anti Freeze Anti Boil Coolant

Issue Date: February 2015

CONCENTRATE		
Product Code	Pack Size	Carton Qty
COOLBLUE001	1 Litre	6
COOLBLUE005	5 Litre	3
COOLBLUE020	20 Litre	1
PREMIX 50% (Ready to use)		
Product Code	Pack Size	Carton Qty
COOLBLUEPMX001	1 Litre	6
COOLBLUEPMX005	5 Litre	3



### Description

**7 Year 450,000KM Blue Coolant** is a **GENUINE GLYSANTIN G30** 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 **OAT** (Organic Acid Technology) based inhibitor system that is **Silicate, Phosphate, Amine, Borate** 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 Blue Coolant** is suitable for the cooling systems of petrol, LPG, light and heavy duty diesel and industrial engines where an **OAT** type anti-freeze / anti-boil and anti-corrosion properties are required.

**7 Year 450,000KM Blue Coolant** is suitable for passenger cars, 4WD's, motorcycles, light & heavy duty commercial vehicles, construction and agricultural equipment. It is suitable for use with Australian, European, Asian & US vehicles It is Silicate, Borate and Phosphate Free making it particularly suitable for both European & Japanese vehicles that use blue coloured coolant such as Nissan, Subaru & Suzuki.

**7 Year 450,000KM Blue 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 in the cooling system. It is particularly effective in all cast aluminium engines that are under load or used in extreme hot and cold climates. The inhibitor system removes the need for supplementary additives to be added and the lower dissolved solids in the formulation removes abrasives that can damage water pump seals.

**7 Year 450,000KM Blue Coolant** may be used in all types of vehicles that use blue 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 Blue 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 Blue Coolant Concentrate** should be used at a concentration level of 50% for maximum inhibitor life and anti-freeze & anti-boil protection. 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 Commercials	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 500,000 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.
- **Silicate, Nitrite, Nitrate** and **amine** free.

### OEM Approvals

Audi / Bentley / Lamborghini / Seat / Skoda / VW TL 774-D/F		
DAF MAT 74002	Jaguar (As built from 1999) VIN 878389	MAN 324 SNF
MTU MTL 5048	Porsche (As built from 1996)	Mini Cooper D (Built as from 2007)

### Meets Industry and Manufacturers Specifications

AS/NZS 2108-2004 Type A	ASTM D3306, D4985	SAE J1034
BS 6580	Deutz AG 0199-99-1115/2091	Fiat 955523/NC 956-16
Ford ESE M97B44-D	GM / Holden 6277M	GM 1825M
GM 1899M	JASO M325 (Japan)	Jenbacher TA 1000-0201
JI Case JIC 501	JIS K2234 (Japan)	KSM 2142 (Korea)
Liebherr MD 1-36-130	Mitsubishi ES-X64217	Mercedes MB 326.3 (Premix Only)
M/Benz Trucks Sheet 325.3	Nissan NES M5059	Opel B 040 1065
Renault 41-01-001Q Type D	SAAB GM6277M	Scania T1.02-98 0813
Toyota Long Life TSK2601G		

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

Alfa Romeo	Audi	Bentley	Chevrolet	DAF	Daihatsu
Deutz	Ferrari	Fiat	Ford	GM	Holden
Honda	Hyundai	Jaguar	JI Case	Lamborghini	Lancia
Liebherr	Lotus	MAN	Mazda	Mercedes	Mitsubishi
Nissan	Opel	Porsche	Renault	SAAB	Scania
Skoda	Subaru	Suzuki	Toyota	Vauxhall	Volvo
VW	<b>And many more</b>				

### Typical Data

Colour	Blue
Density at 20°C, kg/L (Concentrate)	1.122
Density at 20°C, kg/L (Premix 50%)	1.07
Glycol Content, g/L (Concentrate)	1074
Glycol Content, g/L (Premix 50%)	537



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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