



PENRITE

8 YEAR 500,000KM RED COOLANT

Type A Anti-Freeze Anti-Boil Coolant

Issue Date: August 2016

CONCENTRATE		
Product Code	Pack Size	Carton Qty
COOLRED001	1 Litre	6
COOLRED0025	2.5 Litre	4
COOLRED005	5 Litre	3
COOLRED020	20 Litre	1
COOLRED060	60 Litre	1
COOLRED205	205 Litre	1
PREMIX 50% (Ready to use)		
Product Code	Pack Size	Carton Qty
COOLREDPMX001	1 Litre	6
COOLREDPMX005	5 Litre	3
COOLREDPMX205	205 Litre	1



Description

8 Year 500,000KM Red Coolant is a **GENUINE GLYSANTIN G40** 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 **Si-OAT** (Organic Acid Technology) based inhibitor system that is **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

8 Year 500,000KM Red Coolant is suitable for the cooling systems of petrol, LPG, light and heavy duty diesel engines that require full OAT Type A anti-freeze / anti-boil / anti-corrosion properties.

8 Year 500,000KM Red Coolant is suitable for 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, Bentley, Bugatti, Lamborghini, VW, Seat and Skoda (all 2008 on), MAN trucks (Dec 2011 on), Mercedes-Benz trucks (Oct 2011 on) and Porsche (911, Boxster, Cayman, Cayenne, Panamera) 1997 onwards.

8 Year 500,000KM Red Coolant provides extended 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. It is especially effective in all aluminium engines that are under load or used in extreme hot and cold climates.

8 Year 500,000KM Red Coolant may be used in all types of vehicles that use red, magenta or orange 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.

8 Year 500,000KM Red 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.

8 Year 500,000KM Red Coolant Concentrate should be used at a concentration level of 50% or as per manufacturer recommended dosing rates. 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.*



PENRITE OIL COMPANY PTY LTD, 88 Lewis Road, Wantirna South
 Victoria AUSTRALIA 3152, ABN 25 005 001 525
 Enquiries: Phone 1300-PENRITE (1300 736 748)
 Fax: 1800-PENRITE (1800 736 748)
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977
New Zealand Ph: 0800 533 698, Fax: 0508 736 748
United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234
 Website: www.penriteoil.com, Email: penrite@penriteoil.com

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Concentration

Dose	Freezing Point	Boiling Point
50%	-38°C	109°C

Service Interval

When used as indicated and correctly maintained -	
Passenger Cars. 4WD, Light Commercials	8 years or 500,000km (whichever comes first)
Heavy Duty On Highway Diesel	8 years or 750,000km (whichever comes first)
Heavy Duty Off Highway Diesel	8 years or 10,000 hours (whichever comes first)

Product Benefits

- **8 Year or 500,000 km** (whichever comes first) drain intervals if used and maintained at 50%.
- **OEM Approved** to maintain manufacturer's warranty & specifications.
- Compatible with all plastics, rubbers and seals.
- Protects all internal surfaces from corrosion, including aluminium.
- **Phosphate** free formulation allows use with hard water.
- **Borate, nitrite and amine** free

OEM Approvals

Audi/Bentley/Bugatti/Lamborghini/SEAT/Skoda/VW TL 774-G (G12, G12+, G12++)
 Porsche (as from 1997) 911, Boxster, Cayman, Cayenne, Panamera
 MAN 324 Type Si-OAT (built as from 12/2011)
 Mercedes-Benz MB 325.5 Trucks (built as from 10/2011)
 Cummins CES 14603

Industry and Manufacturers Specifications

AS2108-2004 Type A	ASTM D3306	UNE26.361.88
BS 6580	Deutz AG 0199-99-1115/2091	Fiat 9.55523/ Cuna NC 956-16
Ford WSS M97B44-D	Holden/GM 6277M/1825M/1899M	Jaguar M97B44-D
Jenbacher TA 1000-0201	JI Case JIC 501	JIS K2234 (Japan)
JASO M325 (Japan)	KSM 2142 (Korea)	MB 326.3 (Premix Only)
Mitsubishi ES-X64217	Nissan NES M5059	Opel B 040 1065
Renault 41-01-001Q Type D	SAAB GM6277M	SAE J1034
Scania T1.02-98 0813	Toyota Long Life TSK2601G	Vauxhall B 040 1065
Skoda/VW/Lamborghini/ Audi/Bentley/Seat TL774-D/F		

Also meets the requirements and specifications of the following:

Audi	Bentley	SEAT	Skoda	VW
Alfa Romeo	Fiat	Jeep	Lotus	Porsche
Ford	John Deere	Mazda	Subaru	Chevrolet
GM Holden	Kia	Mercedes	Suzuki	Mitsubishi
Cummins	Honda	Lancia	MG Rover	Toyota
Daihatsu	Hyundai	Land Rover	Mini (Diesel)	Vauxhall
Ferrari	JI Case	Lexus	Volvo	

Heavy Duty Trucks

Daewoo	DAF-Leyland	MAN (Dec 2011 on)
Mercedes-Benz (Oct 2011 on)	Mitsubishi Fuso	MTU
Nissan (UD)	Renault	Scania
Volvo		

Typical Data

Colour	Red
Density at 20°C, kg/L (Concentrate)	1.124
Density at 20°C, kg/L (Premix)	1.071
Glycol Content, g/L (Concentrate)	1037
Glycol Content, g/L (Premix 50%)	518

To ensure you use the correct coolant in your vehicle, refer to the Penrite Recommendation Guide located at 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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