



PENRITE

# 4 YEAR LONG DRAIN ANTI FREEZE ANTI BOIL

Type A Coolant

Issue Date: July 2013

CONCENTRATE		
Product Code	Pack Size	Carton Qty
4YRAFAB001	1 Litre	6
4YRAFAB0025	2.5 Litre	4
4YRAFAB005	5 Litre	3
4YRAFAB020	10 Litre	1
4YRAFAB020	20 Litre	1
4YRAFAB060	60 Litre	1
4YRAFAB205	205 Litre	1
PREMIX 50% (Ready to use)		
Product Code	Pack Size	Carton Qty
4YRAFABPMX001	1 Litre	6
4YRAFABPMX0025	2.5 Litre	4
4YRAFABPMX005	5 Litre	3
4YRAFABPMX020	10 Litre	1
4YRAFABPMX020	20 Litre	1
4YRAFABPMX205	205 Litre	1



## Description

**4 Year Long Drain Anti Freeze Anti Boil** is a Green coloured, **Original Equipment Manufacturer (OEM) warranty, Fully Licensed/Approved** new generation, 4 Year / 200,000 kilometre Hybrid, ethylene glycol **Type A** anti-freeze/anti-boil coolant. It is available in concentrate and premix.

**4 Year Long Drain Anti Freeze Anti Boil** A low silicate coolant concentrate and premix, which utilizes a hybrid inhibitor system of both organic and conventional inhibitors. It provides a stable, long life inhibitor formulation that prevents rust, corrosion, cavitation and degradation of the cooling system.

## Application

**4 Year Long Drain Anti Freeze Anti Boil** 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.

**4 Year Long Drain Anti Freeze Anti Boil** It has particular suitability 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 / VW (G11), BMW, Mercedes, Porsche (Pre-1995), Volvo, Opel & Saab, but it may be used in all types of vehicles.

**4 Year Long Drain Anti Freeze Anti Boil** 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.

**4 Year Long Drain Anti Freeze Anti Boil** may be used in all types of vehicles that use green, blue or yellow coloured initial fill coolants. It is also ideal for motorcycles.

**4 Year Long Drain Anti Freeze Anti Boil** concentrate should be used at concentration of between 33% and 50%.

*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.*

Dose	Freezing Point	Boiling Point
33%	-18°C	104°C
50%	-38°C	109°C



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### Service Interval

When used as indicated and correctly maintained, Penrite 4 YR Long Drain Anti-Freeze Anti Boil will last:

Passenger Cars. 4WD, Light Commercial	4 years or 200,000km (whichever comes first)
Heavy Duty On Highway Diesel	2 years or 240,000km (whichever comes first)
Heavy Duty Off Highway Diesel	2 years or 3000 hours (whichever comes first)

### Customer Benefits

- 4 year drain intervals if used and maintained at 33% to 50%.
- 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 0160 0188	MAN 324 NF
MAN B&W List 3.3.7	Mini (BMW) N 600 69.0
Mercedes Benz Specification 325.0	Opel B 040 0240
Porsche (pre 1995)	Saab 690 1599
Smart 325.0	Volvo Truck (pre 2005)
Liebherr TLV 035, TLV 23009 A	
Maybach Specification 325.0	
MTU MTL 5048	
Rolls Royce (post 1998)	
Volvo Car 1286083 Issue 002	

**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 M97-B44A/51A1	GM 1825M/1899M
Holden HN2217/HN2043	JIS K2234 (Japan)	JASO M325 (Japan)
Jl Case JIC 501	JCB STD 0088	John Deere JDM H24
KSM 2142 (Korea)	Leyland BLS.22.AF.01	
Mercedes MB326.0 (Premix 50% Only)	Opel QL 13D100	Rover BLS.22.AF.01
SAE J1034	Seat TL-774-C G11	Skoda TL-774-C G11
Volkswagen TL-774-C G11		

### 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	Jl 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	Jl Case	
John Deere	Kenworth	Kubota	Leibherr	Mack	
MAN	Mercedes Benz	MTU	Perkins	Sterling	

### Typical Data

Colour	Green
Density at 15°C, kg/L	1.12
Glycol Content (concentrate), g/L	1064
Glycol Content (premix 33%), g/L	350

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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