



4 YEAR LONG DRAIN ANTI FREEZE ANTI BOIL

CONCENTRATE :

4YRAFAB001, 4YRAFAB005, 4YRAFAB010, 4YRAFAB020, 4YRAFAB060, 4YRAFAB205

33% READY TO USE PREMIX:

4YRAFABPMX001, 4YRAFABPMX005, 4YRAFABPMX010, 4YRAFABPMX020

Issue: September 2012

A low silicate, OEM Approved, European style, ethylene glycol based coolant concentrate and premix, that utilizes a hybrid inhibitor system of both organic and conventional inhibitors.

Application

Suitable for the cooling systems of petrol, LPG, light and heavy duty diesel and industrial engines where anti-freeze and/or anti-boil properties are required.

It has particular suitability for cars and heavy duty diesel engines of European origin but may be used in all types of vehicles. It is also suitable for Motorcycles.

Penrite 4 YR Long Drain Anti-Freeze Anti Boil Concentrate should be used at concentration of between 33% and 50%.

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

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

Passenger Cars. 4WD, Light Commercials	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.

Industry Specifications

AS 2108-2004 Type A	ASTM D3306	BS 6580
Federal Standard O-A-548D	JIS K2234 (Japan)	JASO M325 (Japan)
KSM 2142 (Korea)	SAE J1034	

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)	BMW N 600 69.0
Saab 690 1599	Volvo Car 1286083 Issue 002
Volvo Truck (pre 2005)	

Also meets the requirements and specifications of the following:

Alfa Romeo	Audi TL-774-C G11	Bentley TL-774-C G11	BMW
Chrysler MS-9796	Daewoo	Daihatsu	Dodge
Fiat	Ford M97-B44A/51A1	German Army TL6850-0038/1	Ferrari
GM 1825M/1899M	Holden HN2217/HN2043	Hyundai	Great Wall
Jaguar	JCB STD 0088	Jeep	JI Case JIC 501
Lancia	Land Rover	Leyland BLS.22.AF.01	Kia
Mazda	Mercedes MB326.0 (Premix 50% Only)	MINI Petrol	Lexus
Opel QL 13D100	Porsche	Proton	Mitsubishi Nissan
Saab	Seat TL-774-C G11	Skoda TL-774-C G11	Rover BLS.22.AF.01
Suzuki	Triumph	Vauxhall	Ssangyong
Volvo			Volkswagen TL-774-C G11

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Heavy Duty

Atlas	Caterpillar	CNH	Cummins 85T8-2/CESMG03
Demag	Detroit Diesel	Deutz AG 0199-99-1115	Fendt
Ford	Freightliner	Ginaf	GMC
Grove	Hiab	Hino	International
Iveco	JI Case	John Deere JDM H24	Isuzu
Kubota	Leibherr	Mack	MAN
MTU	Perkins	Sterling	Volvo
			Western Star

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.

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



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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