



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

Cooling systems of automotive, heavy duty 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%.
- 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 TL-774-C G11	BMW N 600 69.0	Deutz H-LV 0160 0188
Liebherr TLV 035, TLV 23009 A	MAN 324 NF	MAN B&W List 3.3.7
Maybach Specification 325.0	Mercedes Benz Specification 325.0	Mini (BMW) N 600 69.0
MTU MTL 5048	Opel B 040 0240	Porsche (pre 1995)
Rolls Royce (post 1998) BMW N 600 69.0	Saab 690 1599	Seat TL-774-C G11
Skoda TL-774-C G11	Smart 325.0	VW TL-774-C G11
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-9769	Daewoo	Daihatsu	Ferrari
Fiat	Ford M97-B44A/51A1	German Army TL6850-0038/1	Great Wall
GM 1825M/1899M	Holden HN2217/HN2043	Hyundai	Lada
Jaguar	JCB STD 0088	Jeep	Lamborghini
Lancia	Land Rover	Leyland BLS.22.AF.01	Lexus
Mazda	Mercedes MB326.0 (Premix 50% Only)	MINI Petrol	Mitsubishi Nissan
Opel QL 13D100	Porsche	Proton	Rover BLS.22.AF.01
Saab	Seat TL-774-C G11	Skoda TL-774-C G11	Ssangyong
Suzuki	Triumph	Vauxhall	Volkswagen TL-774-C G11
Volvo			

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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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