



PENRITE

4 YEAR LONG DRAIN ANTI FREEZE ANTI BOIL

Type A Coolant

Issue Date: February 2014

| CONCENTRATE | | |
|---------------------------|-----------|------------|
| Product Code | Pack Size | Carton Qty |
| 4YRAFAB001 | 1 Litre | 6 |
| 4YRAFAB0025 | 2.5 Litre | 4 |
| 4YRAFAB005 | 5 Litre | 3 |
| 4YRAFAB010 | 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 |
| 4YRAFABPMX005 | 5 Litre | 3 |
| 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 is 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 passenger 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%.
- OEM Approved to maintain manufacturers warranty & specifications
- 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 | Liebherr | 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 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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