



PENRITE

RCI 100

Radiator Corrosion Inhibitor Concentrate

Issued: February 2017

Product Code	Pack Size	Carton Qty
COOL10005	500ml	6
COOL1001	1 Litre	6
COOL1020	20 Litre	1
COOL1205	205 Litre	1



Description

RCI 100 is a Type "B", coolant inhibitor that protects against corrosion, cavitation, scaling and oxidation in vehicles that do not require a Type "A" Anti-Freeze Anti-Boil coolant. It is an effective engine coolant that uses a Hybrid Organic Acid Technology (**HOAT**) inhibitor to provide maximum protection against corrosion whilst providing superior heat transfer to reduce engine operating temperature.

Application

RCI 100 is suitable for use in a wide range of vehicles including passenger cars, light commercial vehicles, motorcycles, trucks, buses, stationary engines and other equipment.

RCI 100 when mixed with water will help provide improved heat transfer abilities over straight water by reducing cavitation and eliminating hot spots inside the engine. This can help lower the running temperature of the engine, preventing damage from overheating whilst the inhibitor pack will prevent rust, corrosion, scaling and oxidation if maintained at the correct dosage.

Dosage

- **RCI 100** should be used at a ratio of **50ml per litre of water**.
- De-mineralised water is recommended for dilution.
- 1 litre makes up to 20 litres of coolant.

HINT: For best results flush cooling system with **Radiator Flush** prior to filling with **RCI 100**

Service Intervals

Passenger Car and Light Duty Commercial Vehicles	100,000 km
Heavy Duty Diesel, on road	3 years/500,000 km
Heavy Duty Diesel, off-road	3 years/6,000 hours
Stationary power generation and marine	12,000 hours

** intervals only apply if the system is maintained at the correct treat rate*

Please Note

- We **DO NOT** recommend mixing with other coolants or inhibitors
- This product is **Not Compatible** for testing with glycol coolant test strips as false readings can occur

Product Benefits

- Protects all internal surfaces from corrosion, including aluminium.
- Safe for all plastics, rubber hoses & seals
- Helps prevent wet liner erosion
- Contains an anti foam agent to help protect against cavitation.
- Silicate, Phosphate and Amine Free
- Cost effective engine protection



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Industry Specifications

AS/NZS 2108.1-1997 Type B
Ford ESD-M99B166C
Deutz-MWM 0199-209
MAN 248
MAN B&W D36 5600
Sulzer Diesel ZBS0503
Wartsila 32-9011

Typical Data

Colour	Green
Density at 20°C, kg/L	1.08
Glycol Content, g/L	280

Do you need an Anti-Freeze Anti-Boil Coolant?

If a **TYPE A ANTI-FREEZE ANTI-BOIL COOLANT** is required, then Penrite have a range of coolants including OEM approved products to suit most applications.

7 YEAR BLUE AFAB (Manufacturer Approved)

7 YEAR GREEN AFAB (Manufacturer Approved)

8 YEAR RED AFAB (Manufacturer Approved)

350,000 KM COOLANT AFAB

HD EC-01 AFAB

PGXL COOLANT AFAB

Please visit our website for further details - www.penriteoil.com

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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