

# Product Bulletin

## ECO COOL - AOC1000 LONG LIFE ORGANIC CORROSION INHIBITOR

### Product Description

Cooling system corrosion protection for all petrol, diesel and gas fuelled engines where anti-freeze protection is not required.

### Product Benefits

- ◆ When used with distilled, demineralized or high quality, soft water, protects cooling systems for -
  - Passenger and Light Commercial vehicles - 5 years / 200,000kms
  - Heavy Duty Vehicles – 1,000,000km/12,000 hrs / 6 years (When good quality water is used as directed).
- ◆ Maximizes protection of all metals commonly used in cooling systems.
- ◆ Provides a unique inhibitor package suitable for mixed metal protection.
- ◆ Excellent protection against liner pitting and cavitation.
- ◆ Extends water pump seal life by reducing dissolved solids in the coolant.
- ◆ Environmentally friendly and biodegradable.
- ◆ Formulated, tested and manufactured in Australia for Australian conditions.
- ◆ Meets and exceeds the following performance and specification requirements:-

All major engine manufacturers for passenger, truck and machinery applications.

**ASTM's** D1384, D4340, D2809, D2570, D1881, D1287, D1121, D3634.

**AS2108 - 2004 (Type B)** and most international critical performance specifications.

### Principle Uses

- ◆ All gas, petrol and diesel fuelled engines, including motor-bikes, passenger and light commercial vehicles, buses, tractors, trucks, industrial and mining applications, marine, cooling towers, including stationary engines.

### Dosage

- ◆ The recommended dose is 7.5% - however, consult your Australian Organic Coolants technical representative to obtain the optimum dosage rate for your particular application.

### Handling

- ◆ Refer to the ECO COOL - AOC1000 Material Safety Data Sheet before using the product.

*Complies with AS2108 - 2004 (Type B)*



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## Instructions for Use

- Ensure the engine is switched off and cool.
- Remove bottom radiator hose and thermostat, open the heater circuit.
- Drain coolant and flush the system thoroughly. If the coolant is discoloured, clean the system using Eco Flush (AOC4000) Radiator Flush.
- Add 500ml of ECO COOL (AOC1000) per 10 litres cooling capacity for passenger vehicles and light trucks. For heavy duty diesels use 750ml of ECO COOL (AOC1000) per 10 litres cooling system capacity.
- Top up with distilled or high quality soft water.
- Run engine for a short time with the radiator cap off and heater circuit open.
- Replace radiator cap and bring engine up to normal operating temperature to open the thermostat.
- When engine is cool check water level and add extra water if necessary.

**IMPORTANT: DO NOT MIX WITH COOLANTS OTHER THAN ECO COOL – PREMIX (AOC1500 )**

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## Testing

Test strips are available from Australian Coolants to monitor the level of ECO COOL - AOC1000 in the cooling system

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## Service

- On-site technical assistance can be provided to implement and evaluate treatment programs using ECO COOL - AOC1000.
- Technical support of a NATA registered laboratory is also available as an integral part of the supply of all Australian Organic Coolants products.

