

Product Bulletin

ECO FREEZE ULTRA ECO CONCENTRATE – AOC6000

LONG LIFE ORGANIC ANTI-FREEZE CONCENTRATE COOLANT (AOC6000)

Product Description

- ◆ An All-Organic blend of corrosion inhibitors and glycerine which is designed to provide superior long-life corrosion protection with excellent lubrication qualities and anti-freeze protection for all types of petrol, diesel and gas engines in passenger and light commercial vehicles, heavy duty commercial, industrial, on highway, marine, mining and stationary applications.

Product Benefits

- ◆ Maximises the period between coolant changes.
 - Protects cooling systems for: 1,000,000 km's / 12,000 hours / 6 years (whichever comes first).
- ◆ Provides anti-freeze protection.
- ◆ Minimal disposal volume of spent coolant required.
- ◆ Provides optimum reliability and operating life of water pump (silicate free product).
- ◆ Maximises protection of all metals commonly found in the engine cooling system.
- ◆ With the use of glycerine mixed with our organic inhibitor, it provides one of the most superior forms of protection against liner pitting and cavitation corrosion.
- ◆ Maximizes fuel economy by keeping the engine at the optimum operating temperature.
- ◆ Protects against scale, rust and residue buildup.
- ◆ This product is one of the most Eco-Friendly Coolants that has minimal effect on the environment.
- ◆ Formulated tested and manufactured in Australia for Australian conditions.
- ◆ Exceeds the following performance and specification requirements:-
All major engine manufacturers for passenger, truck and machinery applications.
ASTM's D1384, D1881, D2809, D2570,, D1287, D1121, D3634, D4340 AS2108 - 2004 (Type A) and most international performance specifications.

Principle Uses

- ◆ All on-road and stationary petrol, diesel and gas fuelled engines, including passenger and light commercial vehicles, buses, tractors, trucks, also marine engines, mining equipment and stationary engines.

Handling

- ◆ Refer to the ECO FREEZE ULTRA ECO – (AOC6000) MSDS Sheet before using this product.



Instructions for Use

- ◆ Before treatment, the cooling system must be cleaned thoroughly to remove all residue of prior coolant. This enables the new coolant to maximize its full potential, by instruction:
 - Draining the existing coolant and chemically clean the system to remove any rust, dirt, oil and built up residue.
 - Use Eco Flush (AOC4000) Radiator and Cooling System Cleaner & Flush the System thoroughly according to product specs.
- ◆ Initial Dosage:
 - ◆ Eco Freeze Ultra Eco – (AOC6000) can be dosed between 33% to 50%, however the product works at its best for heat transfer when dosed at 40% v/v with clean soft water, this is mainly due to the lubricity of glycerine.
 - ◆ Anti-freeze/Anti-boil Protection: Example 10ltr system dosed at 40%.

(AOC6000)	Water	Freezing Point	Max Temp
4ltrs	6ltrs	-27°C	127°C
- ◆ Preventative Maintenance:
 - Never top up with water as this will dilute the coolant. Always top up with Eco Freeze Ultra Eco – (AOC6000) Coolant mixed at the same dosage when initially filled mixed with clean, soft water as directed, or can use the premix product if the dosage is 40% - which is ECO FREEZE ULTRA ECO – PREMIX 40 - (AOC6400) and use straight with no dilution.
- ◆ Passenger Vehicles:
 - There is no requirement to replenish inhibitor during the life of the coolant. Coolant should be drained and replaced within 1,000,000 klm's / 12,000 hours / 6 years (whichever comes first).
- ◆ Heavy duty diesel vehicles:
 - These vehicles do not require the coolant to be re-dosed at regular intervals or replacement of expensive water filters. Performance period is 1,000,000kms / 12,000 hours or 6 years, which ever comes first. Top up with Eco Freeze Ultra Eco (AOC6000) mixed at the same dosage when initially filled mixed with clean, soft water as directed, or can use the premix product if the dosage is 40% - which is ECO FREEZE ULTRA ECO – PREMIX 40 - (AOC6400) and use straight with no dilution.
- ◆ Australian Organic Coolants strongly recommend this product is not mixed with other brands of coolants or inhibitors other than Eco Freeze Ultra Eco – Premix 40 - AOC6400.

Service

- ◆ On-site technical assistance can be provided to implement and evaluate a treatment program using Eco Freeze Ultra Eco - AOC6000
 - ◆ The technical support of a NATA registered laboratory is also available as an integral part of the supply of all Australian Organic Coolants products.
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