



**OILCORP**

## PRODUCT DATA SHEET

# OC GREEN COOLANT CONCENTRATE

Anti-Boil, Anti-Freeze Type A Organic Engine Coolant

### Product Description

**OC GREEN COOLANT CONCENTRATE** is a premium quality organic, extended life, fully formulated ethylene glycol based anti-boil / anti-freeze coolant concentrate. It is based on carboxylate technology, containing no silicates, borates, phosphates, nitrites, nitrates or amines. Containing 94% monoethylene glycol and a double inhibitor package, it ensures ultimate corrosion protection and extended service life for both automotive and heavy duty diesel engines.

**OC GREEN COOLANT CONCENTRATE** has been specifically formulated to protect all metals used in the manufacture of modern engines while having no deleterious effect on plastics, rubber hoses or gaskets. It significantly increases the operating life of water pumps and exceeds corrosion performance levels required to meet Australian Standard AS2108.1-2004.

### Applications

**OC GREEN COOLANT CONCENTRATE** is recommended for all automotive applications, including heavy duty diesel engines in trucks and tractors, where anti-boil or anti-freeze coolants are specified.

- Has a service life of 5 years / 200,000 kms in passenger car applications and up to 6 years / 1,000,000 kms / 12000 hours in heavy diesel engine applications in well maintained systems.
- Protects all metals found in cooling systems and gives excellent protection against cavitation erosion and wet-sleeve liner pitting.
- Significantly increases the operating life of water pumps.
- Provides maximum protection against "hot spot" corrosion, common in aluminium cylinder heads.
- Flexibility of dilution rate ensures that most engine manufacturer's specifications are able to be satisfied.
- Gives excellent protection in cold climates (when mixed at only 33% with water, freezes at approximately -18°C).

### Specifications

- AS/NZS 2108.1:1997 (Australian Standard) Type A
- ASTM D3306 (and D4656)
- ASTM D4985 (and D5345)
- ASTM D6210
- Audi/SEAT/Skoda
- BMW N600 69.0
- BR 637
- BS 6580 (British Standard)
- BT-PS-606A (MIL-Belgium)
- Caterpillar EC-1
- Cummins 90 T8-4
- DAF-Leyland 74001
- Daihatsu
- DCEA 615 (MIL-France)
- Detroit Diesel/Perkins
- E/L-1415b (MIL-Italy)
- Ford WSS-M97B44-C
- FSD 8704 (MIL-Sweden)
- FVV Heft R443 (Germany)
- General Motors GM 1899M
- General Motors GM 6277M
- Honda
- Hyundai
- ISUZU
- JASO M325 (Japan) LLC
- JIS K2234 (Japan) LLC
- Komatsu
- Mack-RV1
- MAN 324 (Diesel Engines)
- Mazda MES 121C
- Mercedes-Benz Sheet 32.53
- Mitsubishi EX-X64216
- NATO S-757



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## PRODUCT DATA SHEET

- Navistar
- SAAB
- SAE J1034
- Scania (Tech Info. TI 02-98)
- Subaru
- Toyota
- UNE 23-361-88/1
- Volkswagen VW TL774D
- Volvo

### Packaging

205L, 20L, 5L, 1L

### Typical Physical Characteristics

Property	Typical Value
Color	Green or Red
Flammability	Class C1 Combustible
Specific Gravity	1.105 - 1.115
Flash Point	NOT AVAILABLE
pH Value	8.0 - 9.7
Solubility (water)	Soluble
Lower Explosion Limit	3.2% (Ethylene Glycol)
Upper Explosion Limit	15.3% (Ethylene Glycol)

Easily exceeds the performance levels required to meet Australian Standard AS/NZS 2108.1-1997.

ASTM D 2809 Cavitation / Erosion / Corrosion - PASS

ASTM D 4340 Aluminium Heat Rejection - PASS

ASTM D1384 Glassware Corrosion - PASS

**NOTE:** Values stated herein are typical and do not represent a specification.

### Usage

**OC GREEN COOLANT CONCENTRATE** is a concentrated product, manufactured to meet Australian Standard AS2108.1-2004. Please follow engine manufacturers' recommendations to ensure dosage rates are complied with. It can be used at 50% dilution rate with deionised water. A 50:50 premix is available (No Boil 50) from Tru Blu Oil which is compliant with most recommendations.

### Maintenance

Testing of coolant on a regular basis is extremely important. Appropriate levels of ethylene glycol and reserve alkalinity can be tested using test strips or by refractometer.

Systems should only be topped up with Coolant or a coolant mixture and not with water. This will ensure that ethylene glycol levels do not vary.