AC2214 PREMIX LONG LIFE COOLANT

Product Description

- An all-organic blend of long life corrosion inhibitors and ethylene glycol designed to provide superior corrosion and anti-freeze/anti-boil protection for all types of petrol, diesel and gas engines in passenger vehicles, light trucks, heavy duty commercial, industrial, on highway, marine, mining and stationary applications applications.

Product Benefits

- No premixing, blending or addition of extra water required.
- Avoids the use of poor quality water being used for dilution.
- Maximises the period between coolant changeouts
  - Passenger vehicles and light commercial transporters - 4 years
  - Heavy duty vehicles – 1,000,000km/6 years,/12,000 hrs
    (When good quality water is used and as directed)
- Provides excellent anti-freeze/anti-boil 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.
- Excellent cavitation and liner pitting protection.
- Maximises fuel economy by keeping the engine at the optimum operating temperature.
- Protects against scale, rust and residue buildup.
- Formulated 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 D1121, D 1287, D1384, D1881 D2570, D2809, D3634, D4340
  AS 2108 - 2004 (Type A) and most international performance specifications.

Typical Properties

Colour	Orange / Green / Red
Ph 50% soloution	8.3 – 9 max
Density, g/ml 20 °C	1.03 min.
Ethylene Glycol Content wt%	47% min.
Boiling Point @ 50%	129°C min
Freezing Point @ 50%	< - 37

Principle Uses

- All on-road and stationary petrol and diesel and gas engines including passenger vehicles, tractors, vans, trucks, also marine engines, mining equipment and stationary engines.

AC2214 Meets and exceeds the following :

ASTM D4656
ASTM D5345
ASTM D6210
BS 6580 (British Standard)
UNE 26-361-88/1
FVV Heft R443 (Germany)
NATO S-757
BT-PS-606A (MIL-Belgium)
E/L-1415b (MIL-Italy)
SAE J1034
JIS K2234 (Japan) LLC
JASO M325 (Japan) LLC
Afnor R15-601
Önorm V5123
BR 637
DCEA 615 (MIL-France)
FSD 8704 (MIL-Sweden)
AS/NZS 2108.1:1997 (Australian Standard) Type A
Navistar
Mitsubishi ES-X64216
Honda
Hyundai

MAN 324 (Diesel Engines)
VOLVO
Scania (Tech Info. TI 02-98)
Mercedes-Benz Sheet 325.3
Mack-RVI
Caterpillar EC-1
Cummins 90 T8-4
Detroit Diesel/Perkins
Komatsu
General Motors GM 6277M
General Motors GM 1899M
Ford WSS-M97B44-C
Volkswagen VW TL774D
Audi/SEAT/Skoda
ISUZU
BMW N600 69.0
SAAB
DAF-Leyland 74001

Mazda MES 121C
Toyota TS K2601 G
Daihatsu
Subaru

Handling

- Refer to the AC2214 Material Safety Data Sheet before using this product

Complies with AS 2108 - 2004 (Type A)

Instructions for Use

- Before treatment, pre-clean the cooling system by: -
  - Draining the existing coolant and chemically clean the system to remove any rust, dirt, oil and built up residue.
  - Use Auto Cool radiator cleaner to clean the system effectively and thoroughly.
- Initial Dosage:
  - Auto Cool AC2214 Coolant should be dosed neat. DO NOT DILUTE
- Anti-freeze/Anti-boil Protection

AC2214	Water	Min Temp	Max Temp
1 part	0 part	-37°C	129°C

- Preventative Maintenance:
  - Never top up with water as this will dilute the coolant. Always top up with AC2214 as supplied.
- Passenger Vehicles:
  - There is no requirement to replenish inhibitor during the life of the coolant.. AC2214 Coolant should be drained and replaced every 5 years /2000,000kms or more frequently in adverse conditions
- 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 1,000,000 Kms / 12,000 hours or 6 years, which ever comes first. Top up with AC2214 if fluid is lost from the cooling system..
  - Consult your Auto Cool representative if clarification is required.
- Auto Cool recommends that this product does not get mixed with other brands of coolants or inhibitors.

Service

- On-site technical assistance can be provided in implementing and evaluating a treatment program using AC2214
- The technical support of a NATA registered laboratory is also available as an integral part of the supply of all Auto Cool products.

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