

## AC-10 COOLANT

### Conventional Anti Boil Anti Freeze Engine Coolant Type A GMH HN 2043 Specification Coolant

AC-10 is an anti boil anti freeze coolant manufactured to the exact requirements of the GMH HN 2043 specification.

#### PRODUCT INFORMATION

Austech Chemicals AC-10 is a fully formulated ethylene glycol based anti boil/anti freeze coolant concentrate. This coolant is manufactured precisely to the formulation for GMHA Material Specification HN2043 (many competitor coolants claim to meet or exceed this specification but are not actually to the formulation). The HN 2043 formulation was developed by GMH for the Commodore and tailored to the Australian driving environment. It has been a very successful formula that AC-10 protects all metals used in today's engines. AC-10 has minimal effect on plastics and rubber hoses and it provides excellent protection against water pump cavitation erosion. The coolant also provides excellent protection against "hot spot" corrosion, common in aluminium cylinder heads. There are no amines or nitrites contained in AC-10. Optimum protection is provided when diluted with good quality water (preferably demineralised water) in dilution ranges of between 25% and 65%. In the absence of manufacturer's dilution recommendation a 50% blend is appropriate. This product gives excellent cold climate protection. When mixed at 33% with water, freezes at approximately -18oC.

#### TYPICAL PROPERTIES

|                     |                     |
|---------------------|---------------------|
| Appearance          | Green Mobile Liquid |
| pH (50/50 vol/vol): | 10.2 - 10.6         |
| Specific Gravity:   | 1.121 - 1.13        |
| Odour:              | Slight odour        |
| Flammable:          | Combustible C1      |
| DG Class            | Non Dangerous Goods |
| Hazardous:          | Yes                 |
| Density:            | 1.121               |
| Boiling Point:      | 155°C               |
| Solubility          | Miscible in Water   |
| Flash Point:        | 126°C               |
| Reserve Alkalinity: | 12                  |



## AC-10 COOLANT

**Conventional Anti Boil Anti Freeze Engine Coolant Type A GMH HN 2043  
Specification Coolant**

AC-10 is an anti boil anti freeze coolant manufactured to the exact requirements of the GMH HN 2043 specification.

### SPECIFICATIONS

#### Vehicle Engine Manufacturer Standards

General Motors GM 6043M

General Motors GM 1825M

General Motors Holden HN 2043

#### National Standards

AS/NZS 2108.1 - 1997

BS 6580

JIS K2234

#### International Standards

ASTM D 3306

ASTM D 4656 (prediluted coolants)

SAE J1034

Is also formulated to be used where the following performance requirements are called for:

Mazda

MES MN121A C— FA04

Ford

ESE — M97B44— A

Suitable for most automotive vehicles. This coolant is not suitable for use in heavy duty diesel. V2001 (AC9) is recommended for this application.

### PRECAUTIONS

This product is highly toxic and must be stored in an area not accessible to children or pets.

**Product SDS should be consulted prior to using.**

## AC-10 COOLANT

**Conventional Anti Boil Anti Freeze Engine Coolant Type A GMH HN 2043  
 Specification Coolant**

AC-10 is an anti boil anti freeze coolant manufactured to the exact requirements of the GMH HN 2043 specification.

### TEST RESULTS

#### **ASTM D 1384 - GLASSWARE CORROSION TEST**

| Metal          | Allowable Weight Loss |          | Typical Result-V2000 |
|----------------|-----------------------|----------|----------------------|
|                | AS/NZS 2108.1-1997    | GM 1825M |                      |
| Cast Iron      | 10mg                  | 0.00     | -3mg                 |
| Cast Aluminium | 15mg                  | 0.05     | +2mg                 |
| Copper         | 10mg                  | 0.01     | -5mg                 |
| Solder         | 15mg                  | 0.00     | -3mg                 |
| Brass          | 10mg                  | 0.03     | -6mg                 |
| Mild Steel     | 10mg                  | 0.14     | -1mg                 |

\* Tested at 25% v/v coolant solution.

#### **ASTM D 4340 - ALUMINIUM HEAT REJECTION TEST**

| Metal          | Allowable Weight Loss |          | Typical Result-V2000 |
|----------------|-----------------------|----------|----------------------|
|                | AS/NZS 2108.1-1997    | GM 1825M |                      |
| Cast Aluminium | 1.0mg                 | 1.0mg    | 0.1mg                |

### PRODUCT CODES / QUANTITIES

- A/AC10/1** | 1L Plastic Bottle (Carton of 12)
- A/AC10/2.5** | 2.5L Plastic Bottle (Carton of 6)
- A/AC10/5** | 5L Plastic Jerry Can (Box of 4)
- A/AC10/20** | 20L Plastic Drum
- A/AC10/200** | 200L Metal Drum
- A/AC10/IBC** | 1,000L IBC