

AC-2 COOLANT

AC-2 is a Premium Australian Formulated and Manufactured Glycol Free Coolant

For use in Automotive, Light Commercial and Mixed Fleet Applications

PRODUCT INFORMATION

AC-2 is a Premium Quality, Traditionally Inhibited, Cost-Effective Glycol Free Coolant Available as a Concentrate or Premixed - Ready to Use - Product.

AC-2 is Formulated with Australian Made Water Based Corrosion Inhibitors and Demineralized Water, Ensuring Effective Corrosion Protection, Increased Cooling Performance. Suitable for Early and Late Model Automotive and Mixed Fleet Light Duty Applications.

AC-2 Provides Super-Efficient Heat Transfer when Compared to Traditional Anti-freeze / Anti-boil (AFAB) coolants. The Glycol Free Formula is up to 25-40% More Efficient at Removing Heat from Cooling Systems.

AC-2 Protects all Cooling Systems and Heat Exchange Metals, Plastics, Soft Seals, and Rubbers Found in Modern Cooling Systems and Provides Superior Cavitation and Corrosion Protection.

BENEFITS

- Australian Formulated and Manufactured
- Proven Traditional Inhibitor Technology
- Glycol-Free Formula
- Nitrite-Free Formula
- Appropriate for Automotive & Light Commercial Applications
- Mixed Fleet Suitable, meets OEM Performance Specifications
- Extended Water Pump Seal Service Life (Silicate Free)
- Provides Alloy Metal Hot Spot Corrosion Protection

SERVICE LIFE

Equipment Type	Maximum Service Life
Automotive	3 years / 60,000km
Light Commercial	3 years / 60,000km / 6,000hrs

BLENDING

Equipment Type	Concentration
Automotive	5% by Volume
Light Commercial	7-10% by Volume

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TYPICAL PROPERTIES

Appearance	Mobile Liquid
Colour	Dark Green / Red *
pH:	8.7
Specific Gravity:	1.10 – 1.12
Boiling Point:	>100°C
DG Class:	Non-Dangerous Goods
Glassware Corrosion Test ASTM D1384	Pass (ASTM D-1384)
Aluminium Corrosion Test ASTM D4340	Pass (ASTM D-4340)
Coolant Hose Compatibility (SAE 120)	Pass (SAE 120)



*Custom Dyed Products Can Be Supplied on Request, MOQs apply.

TEST RESULTS

ASTM D 4340 - ALUMINIUM HEAT REJECTION TEST

Allowable Weight Loss	AC-2 Result
1.0mg / cm ² / week	0.20mg

ASTM D 1384 - GLASSWARE CORROSION TEST

Metal	Allowable Weight Loss	Typical Weight Loss
Copper	10mg / coupon	0.9
Solder	30mg / coupon	1.1
Brass	10mg / coupon	0.7
Steel	10mg / coupon	0.3
Cast Iron	10mg / coupon	5.6
Aluminium	30mg / coupon	0.4

Coolant Hose Compatibility – SAE 120

Volume Change	+1.5%
Hardness Change	0.6
Tensile Strength Change	-5%
Elongation Change	-8%

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SPECIFICATIONS

AC-2 Coolant is Recommended Where the Following Performance Levels are Required.

AS 2108-2004	Land Rover (pre-1999)
Alpha Romeo (pre-2003)	Lotus (pre-2000)
Audi (pre-1997)	Mercedes Benz (pre-2014)
Bentley (pre-2003)	Porsche (pre-1996)
BMW (pre-2003)	Renault (pre-1996)
Chrysler (pre-2008)	Saab (pre-2001)
Fiat (pre-2003)	SAE J1034
Ford (ESR-FM7C35-C)	SEAT (pre-1997)
GM 1825M	Skoda (pre-1998)
GM 1899M	Smart (pre-2014)
Holden HN 2043	Volkswagen (pre-1997)
Jaguar (pre-1999)	Volvo
Jeep (pre-2012)	

Meets the silicate-free requirements of Japanese manufacturers

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STORAGE & HANDLING

AC-2 should be stored in ambient temperature conditions between -20°C and 35°C, preferably indoors and out of direct sun. Discolouration of the dye additives may occur after extended exposure to UV light. This discolouration will not negatively impact the performance of the inhibitor package.

Shelf life is expected to exceed 5 years when stored as per the above directions.

Galvanised steel should not be used for the storage or handling of coolants.

HEALTH & SAFETY

If swallowed do not induce vomiting and contact Poisons Information Centre (Australia 13 11 26) NZ 0800 764 766) or a doctor immediately.

Avoid eye and skin contact. If contact with skin or eyes occur remove any contaminated clothing and flush skin or eyes with running water for at least 15 mins. Contact Poisons Information Centre (**Australia 13 11 26 / NZ 0800 764 766**) or a doctor for further recommendations.

Seek medical attention for any irritation.

PRODUCT CODES / QUANTITIES

Available AC-2 Concentrate	Pack Size	Pack	Quantity
A/AC2/1	1L	Bottle	Carton (12)
A/AC2/5	5L	Bottle	Carton (4)
A/AC2/20	20L	Cube	
A/AC2/200	200L	Drum	
A/AC2/1000	1000L	IBC	

Available AC-2 Premix	Pack Size	Pack	Quantity
A/AC2-95/1	1L	Bottle	Carton (12)
A/AC2-95/5	5L	Bottle	Carton (4)
A/AC2-95/20	20L	Cube	
A/AC2-95/200	200L	Drum	
A/AC2-95/1000	1000L	IBC	

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