

**Product Information Sheet:****Date: 1.6.2009****Ref: AP/ANF/01**

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## AGCO Parts Universal Antifreeze

### AGCO Parts references:

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VACC3400	1 ltr
VACC3401	5 ltr
VACC3402	20 ltr
VACC3403	205 ltr

### Applications

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Universal Antifreeze will protect all engines from frost damage right down to  $-34^{\circ}\text{C}$  and ice damage down to  $-50^{\circ}\text{C}$  (at 50% of total coolant volume). It also provides outstanding protection against rust and corrosion for all parts of the cooling system and is therefore recommended for all year round use. This Ethylene Glycol based antifreeze, which meets the technical requirements of BS6580:1992 is designed to meet the demands of modern engines and their cooling systems. Universal Antifreeze provides the following outstanding advantages over other types of antifreeze.

### Main Benefits

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- It does not allow rust or corrosion to take place with cast iron, aluminium, copper alloys, solder, or any other metals found in the engine cooling system and therefore prolongs the life of the block, cylinder liners, radiator, pump and heater system.
- Unlike some antifreeze, Universal Anti-freeze does not form sediment, precipitate additives or form gels and actually prevents premature radiator blocking.
- It has no adverse effects on rubber hoses or gasket materials and will not cause leaks.
- No need to drain at the end of the season, Universal Anti-freeze lasts up to two years in service, when a 50% solution is maintained.
- This antifreeze does not form harmful foam inside the system.
- Compatible with all good quality ethylene glycol antifreezes.

### Specifications

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Meets the following specifications:

British Standard Specification BS 6580 (1992).

Conforms to the general recommendations of petrol and diesel engine manufacturers.

## Storage

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All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

## Health, Safety and Environment

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Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

You should ensure that the product is only used for the purpose specified.

## Typical Characteristics

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Freezing Protection °C (50% vol. in water)	-33
Colour	Blue
Density at 15°C	1.125 – 1.135
Reserve Alkalinity	12 - 20
pH (50% in water)	7.2 – 8.0
Boiling Point °C	160
Foaming Test BS3978	Pass
Corrosion Test ASTM D1384	Pass

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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You should always refer to the relevant machine Operators Instruction Manual and only use correct specifications advised