

**Product Information Sheet:****Date:** 1.9.2020**Ref:** AP/UMO/01

## AGCO Parts UltraMax Orange Antifreeze / Coolant

### AGCO Parts references:

VACC3833	20 ltr
VACC3834	205 ltr
VACC3835	1000 ltr

### Applications

UltraMax Orange Antifreeze / Coolant is a heavy duty product that may be used with confidence in engines manufactured from cast iron, aluminium or combinations of the two metals, and in cooling systems made of aluminium or copper alloys.

UltraMax Orange Antifreeze / Coolant provides long-life protection against all forms of *corrosion* by the use of optimised and patented organic corrosion inhibitors. Excellent and lasting high temperature corrosion protection is provided for the aluminium heat transfer surfaces contained in modern engines. Furthermore, UltraMax Orange Antifreeze / Coolant offers excellent cavitation protection.

### Main Benefits

#### Features and Benefits

- ☐ Extended life
- ☐ Improved heat transfer
- ☐ Reduces repairs to thermostat, radiator and water pump
- ☐ Improved hard water stability, absence of silicates and phosphates
- ☐ Save time and money maintenance-free coolant
- ☐ Suitable for mixed fleets, one coolant for automotive and heavy duty applications
- ☐ Environmentally friendly by using carboxylic additives

### Specifications

ASTM D3306, D4656, D4985, D6210  
BS6580  
Mercedes-Benz 325.3  
MAN 324 type SNF  
Caterpillar GCM34, MWM 0199-99-2091/12  
Cummins 85T8-2, IS Series u N14, CES 14603, CES 144439  
Detroit DFS93K217  
Deutz DQC CB-14

#### Directions for use

Must be diluted with water before use, preferably deionised or demineralised. It is hard water compatible and can be mixed with tap water\* before filling into the cooling system to give solutions in the concentration range of 33 to 50% by volume.

Solution % Vol.	Freezing Point °C
33	-20
50	-40

(For guidance purposes. Slight variations may occur from batch to batch)

*\*For preparation of the coolant use clean, not overly hard tap water. Waste water from mining, sea water, brackish water, brine, industrial waste water are all unsuitable.*

## 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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Colour (Visual)	Fluorescent Orange
Ethylene glycol, % w/w	93 min.
Other glycols, % w/w	0.5 max.
Inhibitor content, % w/w	5
Water content, ASTM D1123, % w/w	5
Ash content, ASTM D1119, % w/w	1.1 typ.
Nitrite, amine, borate, silicate	nil
Specific gravity, ASTM D5931, 15°C	1.116 typ.
Specific gravity, ASTM D5931, 20°C	1.113 typ.
Equilibrium boiling point, ASTM D1120, °C	180 typ.
Reserve alkalinity (pH 5.5), ASTM D1121	6.2 typ.
pH, ASTM D1287, 20°C	8.6 typ.
Refractive Index, ASTM D1218, 20°C	1.430 typ.

Above figures based on average production values.

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