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## Fendt Antifreeze Extra

### Fendt references:

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3933443M1 5ltr  
3931931M2 20ltr  
3931932M2 205ltr

Note – Not all sizes are available in all markets. Check local programmes for availability details.

### Applications

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Fendt Antifreeze Extra is an engine coolant concentrate based on ethylene glycol. It contains a hybrid corrosion inhibitor package with salts of organic acids and silicates. Fendt Antifreeze Extra is free of nitrites, amines and phosphates.

Fendt Antifreeze Extra was developed to protect agricultural and off-highway engines of both ferrous and non-ferrous construction against corrosion and frost damage. It contains a blend of inhibitors designed to give a high degree of corrosion protection to engine components such as radiators, cylinder blocks, heads and water pumps. This product specification is approved by Fendt for use in Fendt machinery.

### Specifications

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Fendt Antifreeze Extra meets the requirements of both the ASTM D3306 and BS 6580:1992 – standards and the following OEM specifications:

BMW N 600 69.0  
German Army TL 6850-0038/1  
KHD H-LV 0161 0188  
MAN 324-NF  
Mercedes Benz DBL 7700.20, page 325.0  
MTU MTL 5048  
Opel/GM B 040 0240  
Saab 6901599  
VW/Audi/Seat/Skoda TL 774-C  
Specification reference G48

Fendt Antifreeze Extra should possibly not be mixed with silicate free, OAT engine coolants.

Fendt Antifreeze Extra 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.

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Solution % Vol.	Freezing Point °C
33	-18
50	-38

*\*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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Fendt Antifreeze Extra has a shelf life of at least three years when stored in originally closed, air tight containers at temperatures of maximum 30°C. Do not use galvanised containers for storage as they may corrode.

## Health, Safety and Environment

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A safety data sheet conforming to EC-Directive 91/155/EEC is available for Fendt Antifreeze Extra.

The usual precautions for handling chemicals together with the information and advice contained in the safety data sheet should be observed for Fendt Antifreeze Extra.

Avoid contact with skin,

## Typical Characteristics

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Density@20°C	1.121 – 1.123 g/cm <sup>3</sup>	DIN 51757/4
Refractive Index	1.432 – 1.434	DIN 51423/2
Boiling Point	>= 165°C	ASTM D1120
Flash Point	>120°C	DIN ISO 2592
pH Value	7.1 – 7.3	ASTM D1287
Reserve Alkalinity, M/10 HCl	13 – 15 ml	ASTM D1287
Ash Content	max. 1.5%	ASTM D1119
Water Content	max. 3.5%	DIN 51777/1
Miscible with water	Freely miscible	
Hard water stability	Stable, no precipitation	

The above figures are typical of those obtained with normal production tolerances 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 advise.