

# Mobil™ Antifreeze Extra

## Data Sheets



## Mobil Antifreeze Extra - Concentrate

### Product Description

Mobil Antifreeze Extra is an extra high performance concentrated antifreeze formula that needs to be diluted prior to be used.

Mobil Antifreeze Extra contains Glysantin® G48® by BASF. Mobil Antifreeze Extra was developed to protect car, truck and bus engines of both ferrous and aluminium 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 over a 3 years period. Mobil Antifreeze Extra is free of nitrites, amines and phosphates.

### Instructions for use

1. Dilute with de-ionised water in accordance with the vehicle manufacturers instructions.
2. Pour into vehicle cooling system.
3. Do not mix different types of Antifreezes. If in doubt about product suitability, refer to vehicle handbook or <http://www.mobil-ancillaries.com>.
4. Remove spills from paintwork immediately.

### Industry Standards

Mobil Antifreeze Extra contains Glysantin® G48® by BASF. Glysantin® G48® by BASF is approved by:

AUDI/SEAT/SKODA/VW VEHICLES BUILT UNTIL 1996 (TL774-C); BMW (BMW GS94000); DEUTZ (DQC CA-14); JENBACHER (TA-NR.1000-0201); LIEBHERR (MIN. LH-00\_COL3A); MAN UNTIL 11/2011 (MAN 324 NF); MAN DIESEL & TURBO (LISTE 3.3.7); MAYBACH (MB-APPROVAL 325.0); MERCEDES BENZ VEHICLES BUILT UNTIL 2013 (MB-APPROVAL 325.0); MINI (BMW GS94000); ROLLS-ROYCE FROM 1998 (BMW GS94000); MTU (MTL 5048); MWM (0199-99-2091 DE); OPEL/VAUXHALL VEHICLES BUILT UP TO 2000 (B 040 0240); PORSCHE VEHICLES BUILT UNTIL 1995; SAME DEUTZ FAHR GROUP; SAAB (690 1599); SMART VEHICLES BUILT UNTIL 2013 (MB-APPROVAL 325.0); TESLA; VOLVO TRUCK BUILT UNTIL 2005; VAN HOOL; ZASTAVA.

### Handling

- Minor spills should be soaked up with oil absorbent granules, sand or dirt. The spillage site should then be washed with soapy water and dried.
- Wash off any spillage on paintwork immediately.
- Avoid galvanised containers for storage or dispensing as they will corrode and contaminate the product.

### Miscibility

Mobil Antifreeze Extra Concentrate must be diluted with de-ionised water as recommended by vehicle manufacturer (see dilution table). Tap water can be used when not excessively hard. Waste from mining, sea water, brackish water, brine, industrial waste water must be avoided. Pour into vehicle cooling system as recommended by vehicle manufacturer.

#### Water Specifications

Hardness, °dGH (mmol/l)	0 - 20 (0 - 3.6)
Chloride Content, ppm max	100
Sulphate Content, ppm max	100

## Dilution Table

Antifreeze	Water	Freeze protection
33 %	67 %	-18°C
50 %	50 %	-36°C
60 %	40 %	-52°C

## Typical Inspection Data:

Mobil Antifreeze Extra	
Colour	Dark Blue / Green
Density at 20°C	1.122 g/cm <sup>3</sup>
Boiling Point	175 °C
pH value	7.2
Reserve Alkalinity (M/10HCl)	14 ml
Water Content	2.8 %

## Shelf Life

- 5 years from date of manufacture.
- Manufacture date can be identified from an eight digit code printed on the bottle. YYYY.MM.DD.

## Packaging

Mobil Antifreeze Extra is available in 1L, 5L, 20L, 208L, and 1000L.

## Quality Control

The above listed data represents average values at the time of going to press this Data Sheet. They are intended as a guide to facilitate handling and cannot be regarded as specific data. Specified product data is issued as a separate product specification.

## Safety

When using this product, the information and advice given in our Safety Data Sheet should be observed. Due attention should also be given to the precautions necessary for handling chemicals.

## Note

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, this data does not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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