



## Mobil™ Antifreeze Extra

Mobil Ancillary , Papua New Guinea

Advanced Antifreeze Coolant Concentrate

### Product Description

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

Mobil Antifreeze Extra is an organic acid coolant technology, ethylene glycol type radiator coolant concentrate offering protection against freezing, boiling and corrosion. It provides year-round protection to cooling systems. Product is colored green.

### Features and Benefits

Mobil Antifreeze Extra was developed to protect passenger vehicle engines of both ferrous and aluminum 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 2 year period. Mobil Antifreeze Extra is free of nitrites, amines and phosphates. The coolant has a changeover period of 100,000 Kms (max) and is 700ppm hard water stable.

\*Refer to your vehicle service manual for coolant requirement.

### Applications

Mobil Antifreeze Extra must be diluted with de-ionized water as recommended by vehicle manufacturer (see dilution chart). 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. ExxonMobil recommends Dilution Ratio of 1 part coolant in 2 parts soft or demineralized water. Post dilution, the freezing temperatures would be about -4°C.

#### Dilution Table

Antifreeze	Water	Freeze protection
33 %	67 %	-4°C
50 %	50 %	-6°C
60 %	40 %	-8°C

### Specifications and Approvals

**This product is recommended for use in applications requiring:**

ASTM D3306 performance requirement

**This product meets or exceeds the requirements of:**

JIS K 2234 performance requirement

### Properties and Specifications

Property	
Specific Gravity @ 29.5 Deg C, ASTM D1122	1.04
Color, Visual	Green
Boiling Point, C, ASTM D1120	103
pH, ASTM D1287	8.25 (@ 33%% v/v)
Reserve Alkalinity to pH 5.5, ml.1NHCL, ASTM D1121	6.25

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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