



## TECHNICAL DATA SHEET

### MC-RIX EXTREME PLUS HIGHLY CONCENTRATED RADIATOR COOLANT

#### Description

Mc-Xtreme Plus Radiator Coolant is a superior quality concentrated Radiator Coolant. It is Ethylene glycol based and incorporates powerful additive technology to ensure year-round protection against freezing and corrosion. Its hybrid corrosion inhibitor package is based on organic acids and silicates. Mc-Xtreme Plus Radiator Coolant does not contain nitrites, amines or phosphates (NAP free).

#### Application

When Mc-Xtreme Plus Highly concentrated Radiator Coolant is recommended to mix with 20 Litres of D.M or Drinking water, It becomes a Ready to use coolant Which can be directly used for all cooling Systems for Corrosion Upto 5 Years / 2,50,000 Kms in internal combustion engines, especially MTU (all engines), MB (except EURO 6), MAN systems, Scania , DAF, Volvo, Liebherr, Cummins, CAT & Mercedes Engines.

For best protection against rust and corrosion, do not use more than 20 litres of water for every 1 litre of Concentrated Coolant. It is strongly recommended that the cooling system be drained completely and flushed with clean water before being filled with a fresh charge of Mc-Xtreme Plus Highly concentrated Radiator Coolant.

Warning: Harmful if swallowed. Keep out of the reach of children.

#### Typical Physical Characteristics

PROPERTY	UNIT	METHOD	RESULTS
Appearance			Dark Green Colour
Density / 20°C	kg/m <sup>3</sup>	ASTM D 1122	1120-1125
Flash Point COC	°C	ISO 2592	>120
Boiling Point	°C	ASTM D 1120	>168
PH-Value		ASTM D 1287	7,1-7,3
Refractive Index Dn20°C		DIN 51 423	1,432-1,434
Viscosity / 20°C	mm <sup>2</sup> /s	DIN 51 562	24-28

#### Features

- Protect against Rust and Corrosion.
- Improves efficiency and reduces operating costs.
- Protects all cooling system metals including aluminium.
- Suitable for all water cooled petrol and diesel engines.

### MC-RIX INDUSTRIES

(AN ISO 9001:2015 CERTIFIED COMPANY)

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This coolant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.



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### Characteristics

#### PROTECTION AGAINST THE CORROSION OF METALS, ESPECIALLY ALUMINIUM

**Mc-Xtreme Plus** Highly concentrated Radiator Coolant provides an effective solution to the problems of corrosion affecting all materials used in cooling circuits.

**Mc-Xtreme Plus** Highly concentrated Radiator Coolant performs well in the corrosion tests required by the specifications: hot plate and glassware corrosion.

#### HOMOLOGATION PROFILE COMPATIBLE WITH MTU MATERIALS

The additives in Xtreme Plus Coolant gives the coolant fluid:

- A reserve of alkalinity (to neutralise the acids resulting from the combustion gases)
- A resistance to foaming (mainly instability of the foam that might form)
- A compatibility with hard water.

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