



ANTI-FREEZING



ANTI-BOILING



ANTI-CORROSION



COOLELF MDX -37°C

Ready-to-use coolant • Hybrid

DESCRIPTION

COOLELF MDX -37°C, is a "long-life" coolant fluid based upon monoethylene glycol containing no amines, nitrites or phosphates.

COOLELF MDX -37°C coolant, is recommended for all the cooling circuits in internal combustion engines, particularly MTU, MB and MAN systems.

COOLELF MDX -37°C figures as a "speciality" in our range of liquid coolants.

SPECIFICATIONS

COOLELF MDX meets the **international specifications** for antifreezes as well as those of major manufacturers

- AFNOR NFR 15-601
- BS 6580

COOLELF MDX is **officially approved** by the following manufacturers:

- | | | |
|------------------------|----------------------------------|----------------------------------|
| • AUDI TL-774C (G11) | • BMW LC-87 | • OPEN-GM GMW 3420 |
| • VW TL-774 C (G11) | • MB 326.0 | • VAUXHALL GM 6277M (+B040 1065) |
| • SKODA TL-774 C (G11) | • MTU-MTL 5048 | • PORSCHE TL-774C (G11) |
| • SEAT TL-774 C (G11) | • MAN 324 TYPE NF | • VAN HOOB |
| • DEUTZ DQC CA-14 | • CATERPILLAR MWM 0199-99-2091/9 | • TESLA (>2013) |

COOLELF MDX has been **acknowledged as satisfactory** for use in their engines by the following manufacturers:

- VOLVO Cars 128 6083/002
- VOLVO Construction 128 6083/002
- VOLVO Trucks 128 6083/002

CHARACTERISTICS

Colour	-	Green
Density at 20°C	ASTM D1122	1.076 kg/L
pH	ASTM D1287	8.1
Reserve Alkalinity	ASTM D1121	7.6ML HCl 0.1 N
Freezing Point	ASTM D1177	-37°C

APPLICATION

PROTECTION: -37°C

COOLELF MDX -37°C is a permanent coolant that be used during the whole year.

COOLELF MDX -37°C is ready for use, as a mix with demineralized water.

LIFETIME

Recommended oil change interval:

It is recommended that the coolant fluid should be replaced every two years.

ENVIRONMENT

All antifreezes and coolants based upon monoethylene glycol are regarded as special industrial wastes and must be disposed of in approved centers for environmental reasons.

CUSTOMER BENEFITS

PROTECTION AGAINST CORROSION OF METALS, ESPECIALLY ALUMINIUM

COOLELF MDX -37°C provides an effective solution to the problems of corrosion affecting all the materials used in cooling circuits.

COOLELF MDX -37°C performs well in the corrosion tests required by the specifications: hot plate corrosion and glassware corrosion.

COOLELF MDX -37°C gives excellent protection against cavitation that can perforate liners and cause water pump problems.

HOMOLOGATION PROFILE COMPATIBLE WITH MTU MATERIALS

The additives in **COOLELF MDX -37°C** gives the coolant fluid:

- A reserve of alkalinity (to neutralize the acids resulting from the combustion gases)
- A resistance to foaming (mainly instability of the foam that might form),
- A compatibility with hard water (maximum 40°F).

COOLELF MDX -37°C is also inert to elastomeric seals and paint.