



MANNOL Coolant G12+

4212

A carboxylated (organic – OAT Organic Acid Technology) ready-for-use solution, designed for a year-round use in any modern cooling systems for which the use of ethylene-glycol-based antifreeze is recommended. It ensures a reliable protection of any cooling system.

Product properties:

- It ensures a reliable protection of metals and alloys (brass, copper, alloy-treated steel, cast iron, aluminium) from all forms of corrosion, as well as prevents a high-temperature corrosion of aluminium surfaces of modern engines;
- It has an exceptional thermal stability. It protects from deposit formation;
- It has excellent heat conductivity properties and a resistance to foam formation;
- It is neutral to inserts and hoses, compatible with all types of rubber and plastic components of a cooling system;
- It has an excellent resistance to hard water and very low corrosion inhibitor depletion rates:
- The highly effective carboxylated additive package (OAT) ensures an exceptional stability of service qualities of the antifreeze throughout the entire service life:
- It does not contain silicates, nitrates, phosphates and amines (the NAP free technology);
- It has an extended service life in cooling systems: of passenger cars up to 250 thousand km; of commercial vehicles up to 500 thousand km; of stationary engines up to 6 years.

It is recommended for engines requiring enhanced heat dissipation: highly accelerated engines, engines with a turbocharger and cooling systems of modern commercial vehicles.

Colour: red.

Service life: no less than 5 years.

Comply with the manufacturer's instructions provided in the user's manual!

Specifications

Approval

Recommendation

SAE J1034

JASO M325

AFNOR FRANCE NF R15-601 (except for RA)

ASTM USA D3306

ASTM USA D4656

ASTM USA D4985

ASTM USA D6210

BSI GB BS 6580:2010

FVV GERMANY Heft R443

KSM SOUTH KOREA 2142

MIL BELGIUM BT-PS-606-A

MIL FRANCE DCSEA 615/C

MIL ITALY E/L-1415b

MIL SWEDEN FSD 8704

NATO S-759

OENORM AUSTRIA V5123

UNE SPAIN 26-361-88/1

VOLKSWAGEN TL 774 D

VOLKSWAGEN TL 774 F

BERGEN ENGINES 2.13.01

BMW GS 94000

BRB BR 637

CASE NEW HOLLAND MAT 3624

CATERPILLAR MAK A4.05.09.01

CUMMINS CES 14439

CUMMINS CES 14603

CUMMINS IS series N14

DACIA 41-01-001 / 41-01-001-T

DAF 74002

DETROIT DIESEL 93K217

FORD WSS-M97B44-D

JAGUAR CMR 8229

JAGUAR STJLR.651.5003

JENBACHER TA 1000-0201

JOHN DEERE JDM H5

KOMATSU 07.892 (2009)

LAND ROVER STJLR.651.5003

LEYLAND TRUCKS DW03245403

LIEBHERR MD1-36-130

MACK 014 GS 17009

MAN 324 SNF

MAN B W DIESEL AG D36 5600

MAZDA MEZ MN 121 D

MB 325.3

MINI GS 94000

MITSUBISHI MHI

MTU MTL 5048

MWM 0199-99-2091/11

PACKAGING

5L	MN4212-5	Plastic	
20L	MN4212-20	Plastic	
1L	MN4212-1	Plastic	20 pcs/box