



## PM Coolant G12+ PM4212

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!

### 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