



# GUARD REFRIGERANTE ORGÁNICO PSi-OAT MQ 100%/ GUAR

## Description

Engine coolant antifreeze formulated with ethylene glycol, organic additives, silicates and phosphates (PSi-OAT). Provides optimal protection against the corrosion of all metals and alloys in the state-of-the-art engine cooling circuits. It can be used in any type of cooling circuit, but it is particularly recommended for high-pressure aluminium engines, where protection is of utmost importance.

## Properties

- This product must be diluted in deionized water in order to be used. Depending on the necessary freezing temperature, use the percentage of water indicated on the package.
- Compatible with the metals and alloys present in cooling circuits: aluminium, copper, cast metals, brass, and the most modern alloys.
- Its thermal characteristics enable excellent engine cooling without the fluid boiling, preventing cavitation.
- Compatible with joints, seals, and paints.
- Replaces previous generation Si-OAT coolants.
- It can also be used in vehicles that require a quality level of VW TL 774-C, D, F, G, J, L (G11, G12, G12+, G12++, G13, G12evo), as long as it is not mixed with other products.

## Quality levels, approvals and recommendations

- AFNOR: 15-601
- ASTM: D3306
- CHRYSLER: MS 7170
- DEUTZ: DQC CA-14
- FVV R 530:2005
- IVECO: 18-1830
- JIS: K2234:2018
- MAN: 324 type Si-OAT
- MTU MTL 5048
- Ö-Norm (except for RA)
- TOYOTA: 1WW/2WW Engines
- VW TL: 774-C, D, F, G, J, L (G11, G12, G12+, G12++, G13, G12evo)
- ALFA ROMEO, FIAT, LANCIA: 9.55523
- BS 6580:2010
- CUMMINS: 85T8-2
- FORD: ESD-M97B49-A
- GB: 29743:2013 modified (PC)
- JI CASE: JIC-501
- MAN: 324 type NF
- MB: 325.5
- MWM: 0199-99-2091/12
- OPEL/VAUXHALL GME L1301
- VOLVO CARS: 128 6083/002

## Technical specifications

	UNIT	METHOD	VALUE
Concentration			100%
Colour		Visual	Magenta
Density at 20 °C	g/cm <sup>3</sup>	ASTM D5931	1.12
Freezing point (at 50%)	°C	ASTM D1177	-38
pH a 20 °C		ASTM D1287	8.5

The above mentioned characteristics are typical values and should not be considered product specifications.