

## ANTICONGELANTE CONCENTRADO G12+ CONCENTRATED ANTIFREEZE G12+

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### DESCRIPTION:

Concentrated coolant-antifreeze, prepared for usage by diluting with demineralized water with a minimum recommended concentration of 50% of product and maximum of 60%.

Especially designed with **100% organic additive (OAT)** with a view to meeting the demands of modern refrigeration systems in closed circuits in light vehicles, heavy transport, buses, construction and agricultural machinery and stationary engines.

Product not suitable for use in heating systems in household installations.

### PROPERTIES & ADVANTAGES:

**100% organic**, silicate-free additivation (OAT).

Its formulation, in line with the latest technology, affords the coolant-antifreeze all the properties and characteristics required for its optimal operation:

- Antifreeze with protection up to -42 °C in 60% dilutions of product in demineralized water.
- Coolant: operates efficiently under pressure, delaying its boiling until 145 °C in circuit at 2atm in dilutions at 50%, hence avoiding the heating of the motor.
- Anticorrosion. Its 100% organic additives effectively protect all metallic components of the cooling system, including cast iron, aluminum, copper and alloy welds.
- Anti-cavitation, avoiding foam and air retention, facilitating optimal pump operation.
- NAP-free corrosion inhibitors: free of any nitrites, amines and phosphates as well as any other components which are harmful or hazardous to the ecosystem such as: boron compounds and molybdates.
- Complete biodegradation in 20 days, calculation carried out on the main component.
- Long product service life:
  - ✓ Up to 650,000 km or 5 years in heavy transport vehicles and buses.
  - ✓ Up to 8,000 hours or 5 years in construction and agricultural machinery.
  - ✓ Up to 250,000 km or 5 years in light vehicles.
  - ✓ Up to 32,000 hours or 5 years in stationary engines.

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Color	Visual	Purplish Pink
Glycol content (%)	UNE 26-361 / 2	> 85
Density (kg/L)	ASTM D-1122	1.11
Boiling Point at 2atm (°C) (°F), diluted at 50%.	ASTM D-1120	+145 (293)
pH	ASTM D-1287	8.5 - 8.9

### HOW TO USE:

Do not use ANTICONGELANTE CONCENTRADO G12 Plus directly. Dilute it with the amount of water required to obtain the desired freezing point. It is recommended to use demineralized water to obtain a greater yield and avoid the formation of lime deposits or of any other nature on the radiator.

Check the freezing and boiling points required by the engine or machinery manufacturer:

Freezing protection according to the diluted %		
Product content (%) in the mixture	50%	60%
Protection temperature (°C)	-35	-42

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**SPECIFICATIONS / QUALITY LEVEL:**

ANTINCONGELANTE CONCENTRADO G12+ , Concentrated Antifreeze G12+, meets among others the requirements of International Standards:

ASTM D-3306 (ASTM-D-1384, D-4340, D-2570, D-2809) ASTM D-4985 CHR-MS-12106 (ASTM-D-2809 mod, D-6208) UNE 26361-88( E) AFNOR R 15/601(F) * SAE J1034* NATO S-759	BS 6580 (GB) CUNA NC 956-16 (I) EMPA (CH) FVV Heft R 443 (D) KSM 2142(K) JIS K2234 (J)*
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\*except alkalinity reserve

ANTINCONGELANTE CONCENTRADO G12+, Concentrated Antifreeze G12+,satisfies among others the specifications of the following heavy machinery, transport and tractors' manufacturers:

AKERMAN AUSA BENATI BOBCAT BOMAG CASE NEW-HOLLAND-POCLAIN CATERPILLAR (*) CLAAS CLARK MICHIGAN CUMMINS 85T8-2 1 / 90T8-4 DAF: 74002 DOOSAN-DAEWOO DEUTZ/MWN: 0199-99-2091 2 FIAT-HITACHI FURUKAWA	GM US: 6277M GM 1899M 1 HYUNDAI ISUZU JCB JENBACHER JOHN DEERE JDM: H24 C2/ JDM:H5 KOBELCO KOMATSU 07.892 (2001) LEYLAND TRUCKS LTS 22 AF10 LIEBHERR MACK: 014GS17004 MAN 248 y 324 Type SNF MAN B&W D36 5000 MANITOU	MASSEY-FERGUSON MB: 325.3 MTU MTL 5048 RAYGO WAGNER RENAULT TRUCKS: 41-01-001 Type D SAMSUNG SCANIA TB 1451 TEREX TIGER VOLVO: 260 WÄRTSILÄ 32-9011 WAUKESHA YANMAR
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(\*) Caterpillar recommends substitute the fluid every 2 years of service, which guarantee a high level of protection and anticorrosion.

ANTINCONGELANTE CONCENTRADO G12+, Concentrated Antifreeze G12+, ensures maximum protection in the following car engines:

ALFA BENTLEY BMW/MINI COOPER BUGATTI CHEVROLET CHRYSLER/JEEP: MS12106 DACIA DAEWO FIAT: 9.55523 FORD: WSS-M97B44D	HONDA: HES D2009-75 HYUNDAI / KIA INFINITI JAGUAR: VIN 878389 LAND ROVER /MG ROVER LAMBORGHINI LEXUS MAZDA / MITSUBISHI / NISSAN MERCEDES BENZ:326.3/325.3	OPEL/GM: QL130100 PORSCHE PSA (PEUGEOT / CITROËN): B715110 RENAULT: 41.01.001 -D SAAB SUZUKI /TOYOTA/SUBARU UAZ-VAZ VOLVO: 260
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VAG Group (Audi, Seat, Volkswagen, Skoda) where it is needed to deploy **G12** technology with organic additives (OAT), specification: **VW (VAG) TL-774D (G12)**. Compatible with G12 Plus.

**PACKAGING:**

20L jerrycan, 200L drum and 1,000L IBC.