

OPERATING FLUIDS

Tedex Antifreeze Concentrate MAN (G11)

Low-freezing concentrate for internal combustion engine cooling systems

Product description

Tedex Antifreeze Concentrate MAN (G11) is a radiator fluid concentrate based on ethylene glycol with a package of additives that provide anti-corrosion, anti-oxidation, alkaline reserve stabilization, and anti-foaming properties.

Specifications and Approvals

Polish norm	PN-C-40007:2000
ASTM	D 3306, D 3303
ASTM	D 1384
BS	6580
STN	66 8910
MAN	324-NF
AFNOR	NF R 15-601
VW/Audi/Seat/Skoda	774-C (G11)
Ford	ESD M97 B49-A
Ford	WSS-M97B44-C
Chrysler	MS 9176
GM	US 6277
BMW	N 600 69.0
Bundeswehr	TL 6850-0038/1
Deutz	H-LV 0161 0188
MTU	MTL 5048
Opel/General Motors	QL 130100
Saab	6901599
WT-TEDEX	97/19C wyd. I

Application

Tedex Antifreeze Concentrate MAN (G11) should be diluted with water in the proportions given below to obtain a coolant with a crystallization temperature corresponding to the temperature conditions of use.

Composition of the fluid in % by volume.		Crystallization temperature
Tedex Antifreeze Concentrate MAN (G11)	Distilled water	
50	50	-37
46	54	-30
40	60	-25

According to PN-C-40007:2000, the correct and recommended dilution ratio of the concentrate with water is 50:50.

Tedex Antifreeze Concentrate MAN (G11), when diluted according to the above proportions, protects all modern engines in cars, trucks, and buses against frost, corrosion, and overheating. It effectively protects cooling systems made of both iron and aluminum alloys. A special blend of inhibitors effectively protects all parts of the cooling system, coolant flow channels in the cylinder block and head, radiator, water pump, and heater against corrosion and contamination.

Recommended

Recommended for all types of radiators, including aluminum ones. Designed for cooling systems in passenger cars, delivery trucks, trucks, agricultural machinery, and industrial engines. Can be mixed with other ethylene glycol-based radiator fluids.

Note: Never use undiluted, pure concentrate in radiators. Follow the car manufacturer's recommendations regarding the recommended fluid replacement interval.

Expiry date: 40 months after the production date.

Usage properties

Tedex Antifreeze Concentrate MAN (G11) mixed in a 1:1 ratio with distilled water guarantees optimal heat transfer from the engine combustion chamber and maximum protection against:

- cavitation,
- freezing,
- deposit formation in the circuit,
- foam formation.

Above parameters are standard data, we reserve the right to change them due to technical progress

Physical and chemical properties – typical values

Tedex Antifreeze Concentrate MAN (G11)		
Density at 20°C ASTM D-1122	kg/l	1,123
pH ASTM D-1287	-	8
Boiling point, ASTM D-1120	°C	163
Alkali reserve	ml	10,0
Crystallization temperature 1:1 (working temperature)	°C	-37,0
Apperance	-	blue

Industrial Safety and Fire-fighting properties

Information on the safe use of the product, potential hazards, precautions, and first aid measures, along with information on environmental impact and disposal of used products, is contained in the product's material safety data sheet (MSDS).

Storage and transport

Tedex Antifreeze Concentrate MAN (G11) should be stored in closed containers that protect it from moisture, water, and mechanical contamination. It can be transported by rail and road, both in bulk and in barrels and other unit packaging, and does not pose any hazards.

Tedex Antifreeze Concentrate MAN (G11)

is highly toxic—ingestion may result in death!!!!

Information on the use of TEDEX oils and lubricants is provided by:

TEDEX S.A.

97-200 Tomaszów Mazowiecki, Cygan 2

Tel. (0-44) 724 95 62, (0-44) 725 29 15



TEDEX S.A. z siedzibą w Warszawie
ul. Człuchowska 68A, 01-360 Warszawa.

Wpisana do Rejestru Przedsiębiorców Krajowego Rejestru Sądowego prowadzonego przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XIV Wydział Gospodarczy Krajowego Rejestru Sądowego pod nr KRS 0000403921 / NIP 9441506727 / REGON 351189439, kapitał zakładowy 3.250.000 zł, w całości wpłacony.



ZAKŁAD PRODUKCJI OLEJÓW W TOMASZOWIE MAZOWIECKIM

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