

Product Data Sheet

Tomoil™ Antifreeze G11 Concentrate

Antifreeze

Product description

Tomoil™ Antifreeze G11 Concentrate stands out as an engine coolant concentrate centered around monoethylene glycol, deliberately excluding nitrite, amine, and phosphate components (NAP-free). Its core purpose lies in safeguarding the cooling system against prevalent concerns like overheating, freezing, corrosion, and deposit formation, highlighting its commitment to prolonging the safety and efficiency of vital system components with compatibility for rubber and seals.

Application

- Outstanding corrosion protection
- Excellent heat conductivity properties
- Exceptional protection against overheating
- Prevention of freezing in the cooling system
- Mitigation of operational malfunctions
- Remarkable antifoaming characteristics
- Compatibility with rubber and plastics

Features & Benefits

- Tomoil™ Antifreeze G11 Concentrate is recommended for use both in passenger cars and commercial vehicles. It is compatible with all cooling system components, including aluminum radiators.

Typical Properties

Property	Unit	Test method	Typical value
Appearance	-	Visual	Clear, green/blue homogenous liquid
Density at 15.5 °C	g/cm ³	ASTM D 4052	1.12
Boiling Point	°C	ASTM D 1120	180
Foaming Properties	cm ³ sec	ASTM D 892	10 0
Corrosion on Glassware - Copper - Solder - Brass - Steel - Cast Iron - Aluminum	mg/cm ²	ASTM D 1384	0.04 0.28 0.04 0.02 0.02 0

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- AFNOR NF R15-601 (France)
- AS 2108 (Australia)
- ASTM D3306 (USA)
- BS 6580 (UK)
- CUNA NC 956-16 (Italy)
- ONORM V 5123 (Austria)
- FVV
- Heft R443 (Germany)
- SAE J 1034
- UNE 26-361 (Spain)
- MAN - 324 NF
- MB 325.0
- MTU - MTL 5048
- VW - TL 774-C
- ASTM D4985 (USA)
- POLISH STANDARD PN-C-40007
- BMW 83 19 2 211 195
- JIS K 2234

TOMOIL CONCENTRA TE, % v/v	Distilled or Soft Water, % v/v	Freezing Protection down to Temperature*, °C
33	67	- 17
40	60	- 25
50	50	- 40
60	40	- 55
70	30	- 70

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 1.5 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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