Product Data Sheet

**Tomoil™ Antifreeze G12 Ready Mix**

Antifreeze

**Product description**

Tomoil™ Antifreeze G12 Ready Mix represents a pre-mixed automotive radiator fluid expertly developed with the infusion of German technology. It comprises demineralized water, ethylene glycol, and a cutting-edge blend of meticulously balanced corrosion inhibitors utilizing OAT technology. This advanced formulation is engineered to provide outstanding protection against frost, corrosion, and overheating for engines constructed from both ferrous and aluminum materials.

**Application**

**Features & Benefits**

• Enhanced and prolonged corrosion protection  
• Improved heat transfer efficiency  
• Reduced need for cooling system repairs  
• Versatile application in mixed fleets, suitable for cars, trucks, and construction machinery  
• Environmentally friendly due to extended working lifespan  
• Minimized foaming  
• Compatibility with hose, sealing materials, and varnishes

**Typical Properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Unit** | **Test method** | **Typical value** |
| Colour | - | Visual |  |
| Density at 20°C | g/cm3 | ASTM D4052 |  |
| pH | mm2/s | ASTM D1287 |  |
| Boiling Point | °C | ASTM D1120 |  |
| Freezing Point at 50% dilution | °C | ASTM D3321 |  |
| Reserve Alkalinity | mg KOH / g | ASTM D1121 |  |

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

**Specifications**

• VW G12  
• MB 325.3  
• MAN 324 Type SNF  
• ASTM D 3306  
• ASTM D 4656  
• ASTM D-4985  
• ASTM D 5345  
• SAE J814C  
• SAE J1038  
• SAE J1941  
• SAE J1034  
• Ford WSS M97 B44-D.

**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](http://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
* 4 L Canister plastic
* 5 L Canister plastic
* 7 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**

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.