04/09/2023 50000

# WOLF ANTI-FREEZE STANDARD G11

An undiluted on ethylene glycol based coolant concentrate for use in engines. It employs Inorganic Acid Technology (IAT) inhibitor and is nitrite, amine and phosphate (NAP) free and includes borate and silicate. This sophisticated technology eliminates the formation of silicate gel which is observed with inferior products. It offers total and permanent protection of the cooling system and a life span of 3 - 4 years or 60000 km to 85000 km for passenger cars and professional applications.

#### **APPLICATIONS**

Formulated for use in all engines including those constructed from aluminium alloys. Best choice for older cooling systems that have copper/brass radiators and heater cores, especially for the lead solder used in them.Suitable when diluted for cooling circuits of the open or closed type (vehicles and heating). Advised to dilute with demineralised water.Protection temperature: -16 °C needs 30% AF // -22 °C needs 40% AF // -36 °C needs 50% AF.

### **FEATURES**

Anti-freeze properties: Very good low/high temperature performance Anti-corrosion properties: Adequate corrosion protection

#### PERFORMANCE

| AFNOR           | NF R 15-601 | DAIMLER TRUCK | DTFR 29C100 |
|-----------------|-------------|---------------|-------------|
| ASTM            | D3306       | MAN           | 324 NF      |
| ASTM            | D4985       | MB            | 325.0       |
| BS              | 6580        | MTU           | MTL 5048    |
| POLISH STANDARD | PN-C-40007  | VW            | TL 774-C    |
| SAE             | J1034       |               |             |

## **TYPICAL CHARACTERISTICS**

| Test                       | Method     | Unit        | Average results |
|----------------------------|------------|-------------|-----------------|
| Freezing point 50% vol. AF | ASTM D1177 | °C          | -36             |
| Reserve alkalinity         | ASTM D1121 | ml 0.1M HCl | 20.0            |
| Density at 20°C            | ASTM D4052 | g/ml        | 1.125           |
| Colour                     | VISUAL     |             | BLUE            |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.



