



# REDOIL

## TECHNICAL DATA SHEET



### **REDFREEZE-40 Si-OAT VW-G12+**

*Ready-to-use cooling fluid*

#### **SPECIFICS**

CUNA NC 956-16 VW G-12+  
ASTM D3306 /4985 VW TL 774 F  
MAN 324 SNFOE VW G 012 A8F G 012 A8F A1,  
G 012 A8F A4 G 012 A8F M1 G 012 A8G M1 V  
W TL 774 D / F (G-12 /G12 +) VW G 012 A8F M1 VW G 012 A8F M8  
VW G 012 A8G M9 VW G 012 A8G A1 VW G 012 A8G A8  
MB 325.3 VOLVO 9437651 VOLVO 9437650  
PORSCHE 000 043 300 88 PORSCHE 000 043 300 31  
PORSCHE 000 043 203 78 PORSCHE A 000 043 203 79  
CUMMINS 90T8-4 MAN248/324 SNF/D365600 MB 325.3  
RN RVI TYPE D/ RENAULT TRUCK RVI R 15.601



#### **TECHNICAL DESCRIPTION**

Special ready-to-use antifreeze fluid characterised by an innovative model of inhibitor technology, significantly different from that used in traditional fluids. It represents the evolution of cooling fluid technology that accompanies the forms of engineering renewal that have taken place in the world of engines.

Its innovative formulation is differentiated by the use of additives based on special metallorganic substances capable of conferring maximum mileage benefits of up to 500,000 km for commercial vehicles.

Particularly suitable for aluminium alloy and light metal engines requiring ethylene glycol-based antifreeze inhibited by Si-OAT organic acid hybrid technology additives.

#### **BENEFIT**

- Long Life function (maximum service life of up to 500,000 km);
- Excellent oxidative stability;
- Maximum protection of aluminium alloy motor circuits;
- High thermal dissipation capacity;
- Tracer presence to quickly detect leaks in the circuit;
- Excellent protection of the water pump and all rubber parts;
- Maximum ebullient rise;
- NAP free (nitrate amine phosphate free).

*For further details, please contact the technical department*



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**Responsabile di laboratorio**

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#### *Typical characteristics*

| Properties              | Unit               | Method    | Average values |
|-------------------------|--------------------|-----------|----------------|
| Colour                  | -                  | ASTMD3306 | Red            |
| Appearance              | -                  | ASTMD3306 | Limpid         |
| Density                 | Kg/dm <sup>3</sup> | ASTMD3306 | 1,06           |
| Ph dil 50%              | -                  | ASTMD3306 | 8,4            |
| Boiling time            | °C                 | ASTMD1120 | 109            |
| Freezing point          | °C                 | ASTMD1177 | -36            |
| Glass corrosion testing | mg/provino         | ASTMD1384 | pass           |

\*the above data represent the average production values.

#### MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

#### SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.