



REDOIL

SISTEMI DI
GESTIONE CERTIFICATI
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UNI EN ISO 9001:2015
UNI EN ISO 14001:2015



TECHNICAL DATA SHEET

PURPLE FREEZE VW G13

Pure coolant (Electric cars and VAG)

Data di prima emissione
07/03/2024

SPECIFICS

VW TL 774 J G13 ASTM D3306
OEM G013A8J1G GA13A8JM1
SKODA-VOLKSWAGEN – AUDI – SEAT
MERCEDES-BENZ 000 989 28 25 / 000 989 28 25 11
PORSCHE 000 043 301 47



TECHNICAL DESCRIPTION

Exceptional pure glycerine and ethylene glycol-based antifreeze liquid, designed and produced for all indirect cooling circuits* used in both hybrid and battery-powered electric mobility equipment and for cooling circuits in heat engines of cars and commercial vehicles of the VAG group. The formulation development, motivated by environmental sustainability requirements, involves the use of Glycerine. Due to its high environmental compatibility it is much safer than glycol, has very low toxicity and is less harmful to the environment: it is estimated that glycerine production generates 11% less CO2 emissions. The synergetic action of the organic inhibitor additives and silicates, together with the increased lubricity function provided by glycerine, makes this product. The technological excellence of cooling fluids for long-term use in all modern radiators.

*Only for indirect cooling in systems where the battery and power electronics do not come into direct contact with the fluid. For direct immersion cooling use Diamond Antifreeze e-Fluid.

BENEFIT

- Environmentally friendly;
- Maximum protection of cast iron, iron and aluminium alloy motor circuits;
- High thermal dissipation capacity;
- Tracer presence to quickly detect any leaks in the circuit;
- Excellent protection of the circuit and all rubber parts;
- Maximum ebullient rise;
- Extended service life.

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	Purple
Appearance	-	ASTMD3306	Limpid
Density	Kg/dm ³	ASTMD3306	1,13
Ph dil 50%	-	ASTMD3306	8,4
Boiling time	°C	ASTMD1120	197
Freezing point dil 50%	°C	ASTMD1177	-36
Glass corrosion testing	mg/provino	ASTMD1384	pass

*the above data represent the average production values.

% Weight ethylene glycol	Freezing time °C
4	-1,3
10	-3,5
16	-6,3
20	-8
26	-12,2
30	-15,1
36	-20,1
40	-24,1
46	-31,2
50	-36,4

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.

Responsabile di laboratorio