

PRODUCT DESCRIPTION

Xtreme VIOLETfreeze is an environmentally friendly coolant based on monoethylene glycol, glycerol and organic acid technology (OAT) and it is nitrate, amine and phosphate free. This product provides a long-life protection to all the metals in the cooling system against corrosion, especially aluminum alloys and light metals.

Xtreme VIOLETfreeze presents the following properties:

- outstanding corrosion protection,
- environmentally friendly,
- excellent heat transfer and dispersion,
- long-lasting protection.

APPLICATIONS

Xtreme VIOLETfreeze is specially developed for the new generation cooling system of passenger cars and light duty vehicles where a coolant meeting the G13 standard (VW TL 774J) is required. It is recommended in all engines especially those constructed with aluminum, cast iron and magnesium alloys.

Xtreme VIOLETfreeze is suitable where G12 (VW TL 774 D), G12+ (VW TL 774 F) and G12++ (VW TL 774 G) coolant applications are necessary. This product it is suitable when diluted for cooling circuits of the open or closed type.

Pour into the vehicle cooling system following the manufacturer's instructions.

Xtreme VIOLETfreeze reaches the following freezing temperature according to the percentage of dilution in water:

% VIOLETfreeze	% water	Freezing Point. °C
10	90	-4,5
20	80	-10
30	70	-17,5
40	60	-25,6
50	50	-36

PERFORMANCE LEVELS AND APPROVALS

VW TL 774 J (G13)
Audi, Skoda & Seat
Porsche Coolant 000 043 301 47

TYPICAL CHARACTERISTICS

XTREME VIOLETfreeze	TESTING PROCEDURE	VALORI TIPICI
Color	-	VIOLET
Density @ 15°C, kgm ³	ASTM D-1122	1,110 ÷ 1,150
Equilibrium Boiling Point,°C	ASTM D-1120	≥ 175
PH (50 % in water)	ASTM D-1287	7,5 ÷ 11,0
Water Content, %	ASTM D-1123	< 5,0
Hard Water Stability after 10 days	VW-PV 1426	No precipitation