ANITFREEZE G12

REV.1 OF Mar /2017

LEVELS OF QUALITY

DASÖL ANTIFREEZE G12 complies with the following international specifications:

CUNA NC-956-16 RED COLOR · ASTM D3306 TYPE3 · ASTM D6210 TIPE1-FF · VW TL 744 D/F (G12/G12+) · MB 325.3 · MAN 324 SNF · GM 6277MI

PRODUCT DESCRIPTION

DASÖL ANTIFREEZE G12 is a red concentrated anti-freeze liquid produced based on ethylene glycol, complying with the most updated environmental protection regulations. Its inhibition package is completely organic and without nitrites, amines, phosphates, borates and silicates.

DASÖL ANTIFREEZE G12 provides an excellent protection against frost, corrosion and overheating, especially in the most modern aluminum engines. Thanks to the high stability of components it can be used for a very long time, by effectively protecting all metallic parts from corrosion.

Dilution Table for DASÖL ANTIFREEZE G12/Water

% (V/V) SUPER	% (V/V) Water	Freezing point [°C]	Boiling point [°C]
22	78	-10	101.7
29	71	-15	103.5
45	55	-30	105.5
54	46	-40	107.5

In fact it has passed both the corrosion test in a glass according to ASTM D 1384 and on a hot plate according to ASTM D 4340. In addition it effectively protects the water pump from corrosion and erosion caused by cavitation phenomena; it has also passed ASTM D 2809 (cavitation-erosion test). It is fully compatible with the rubber and plastic components of cooling circuits.

TYPICAL FEATURES*

Features	Analysis Method	Unit	Values
Aspect / Color	-	-	Limpid liquid / Red
Specific weight 15°C	ASTM D-1122	g/ml	1.113
Undiluted boiling point	ASTM D-1120	°C	170
Crystallization point at 50%	ASTM D-1177	°C	-38
PH (aqueous solution at 50% Volume)	ASTM D-1287	Unit	7 – 9
Alkalinity reserve	ASTM D-1121	Unit	8 min.
Apparent water content	ASTM D-1123	%	5 max
Hard water resistance		–	No precipitate or chemical separation

*The above mentioned values are indicative of production average values and are not an integral part of the specification.