

DIONE G-12+ CONCENTRATE

LONG LIFE ANTI FREEZE AND ENGINE COOLANT

Description

Dione G-12+ Concentrate is an ethylene glycol based engine coolant concentrate which uses Organic Acid Inhibitor Technology and is free from nitrites, amines, phosphates, borates and silicates. Fleet trials have shown that when used at the correct concentration coolants based on Organic Acid Inhibitor Technology continue to provide effective corrosion protection for up to 250.000 km for passenger cars and 500.000 km in commercial vehicles.

It is recommended that the coolant is replaced when the above mileages have been reached or after 5 years whichever is the sooner.

Benefits

Unlike traditional coolants which employ inorganic inhibitors, Dione G-12+ Concentrate has excellent hard water stability and very low inhibitor depletion rates.

How to use

Dione G-12+ is a concentrated anti-freeze. It needs to be diluted until 50% of its volume with demi water. Do not use tap water.



Typical Properties

	Specification	Test Method
Density at 20/20 °C---kg/dm3	1.122 - 1.125	DIN 51757 procedure 4
Boiling Point, °C	160 minimum	ASTM D 1120
PH value v/v 50%	7,0 – 11,0	ASTM D 1287
Reserve alkalinity	8-11	ASTM D 1121
Appearance	Clear Fluid	visual

Protection data

	Freezing point	
50% anti freeze	- 40 °C	D 1177
40% anti freeze	-26 °C	D 1177
33% anti freeze	- 20 °C	D 1177
25% anti freeze	-12 °C	D 1177

Performance levels

- AFNOR NF R15-601
- ASTM D 3306
- ASTM D 4985 SAE J 1034
- BS 6580
- FFV Heft R443
- CUNA NC 956-16
- UNE 26361-88
- JIS K2234
- NATO S 759
- DAF 74002
- Chrysler MS 9176
- Cummins 85T8-2 & 90T8-4
- Ford ESE M97B49-A/ WSS-M97B44-D/ESD M97 B49-A
- GM 1899 M
- US 6277M/OPEL GM QL130100
- John Deere H 24 B1 & C1
- Leyland Trucks
- LTS22AF10
- Mack 014GS 17004
- Volvo MAN 248/324 (SNF)/B&W D36 5600
- MB pag. 325.3
- Renault 41-01-001
- VAG TL 774F