

NAP Free Organic Antifreeze (Concentrated)

NAP Free Organic Antifreeze is a concentrated organic coolant in transparent red color contains mono ethylene glycol and high quality organic anti-corrosion additives. It doesn't contain borate, nitrite, nitrate, amine, phosphate and silicate which are harmful to the environment. It is a long life biodegradable antifreeze & coolant fluid based of high quality organic acid technology.

Usage

Especially recommended for use in engines made from aluminum alloys and engines made of light metals.

Features

High Cooling Performance: Suitable in use for four season that it not only prevents from freezing but also extends boiling.
High Protection to Corrosion: Prevents corrosion of light metals and aluminum alloys in cooling systems. Provides effective protection in radiator and in crank case.
Minimum Sediment: Protects water pump and extends its life.

Technical Specifications

Colour	Visual	Red
*Density, 15°C, g/cm^3	ASTM D 4052	1,1208
Boiling Point, ºC/ºF - Diluted with 50% - Undiluted Antifreeze	ASTM D 1120	 110 / 230 180 / 356
pH, 20°C; - Diluted with 50% - Undiluted Antifreeze	ASTM D 1287	 8,67 8,89
*Reserve Alkalinity, mL - Diluted with 50% - Undiluted Antifreeze	ASTM D 1121	 2,1 3,3
Freezing Point, ºC/ºF (ASTM D 1177)	Antifreeze Ratio (mL)	Water Ratio (mL)
-13 / 8,6	100	0
- / -	90	10
- / -	80	20
-60 / -76	70	30
-50 / -58	60	40

-37 / -34	50	50
-25 / -13	40	60
-20 / -4	35	65

*Data given above are typical properties and may vary slightly.
**Use only fresh water. Do not use water from industrial processes. Do not use seawater or well water.

Performance

BS 6580(GB), SAE J 1034(I), CUNA NC 956-16(I), FVV HEFT R 443(D), JIS K 2234(1)(J), UNE 26361-88(E), AFNOR R 15/601(1) (F), KSM 2142(K), EMPA(CH), ASTM D 3306/4985, NATO S 759, E/L 1415c (MIL ITALY), PORCHE/VW/AUDI/SEAT/SKODA TL 774 D/F, MB 325.3/2/1/0, FORD ESE M 97B49-A, CUMMINS 85T8-2(1), MAN N. MAN 248 AND 324 , WARTSILIA 32-9011(C.W.), PEGASO, GM US 6277 M, RN 41-01-001, FORD WSS-M97B44-C, CHRYSLER MS 9176, CUMMINS 90T8-4, MACK 014GS17004, MAN B&W D 36 5600, GM 1899 M(1), NAVISTAR B-1 TYPE III, VOLVO(REG.N° 260), NAVİSTAR V-1, Volvo, FORD ESD M 97 B49-A, OPEL GM QL 130100, LEYLAND TRUCKS LTS 22 AF 10, JOHN DEERE H 24 B1 /C1, DEUTZ/MWN 0199-2091 2AUFLAGE (C.W.), MACK 014GS 17004

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