

Super Antifreeze SNF (G12+)

Super Antifreeze SNF (Silicate Nitride Free) (G12+) is a long life antifreeze developed with organic acid technology specifically for use with today's modern aluminum honeycomb high-performance water-cooled internal combustion engines. It contains mono ethylene glycol and high quality organic anti-corrosion additive and also it is environment friendly (Biodegradable / borate, nitrite, nitrate, amine, phosphate and silicate free) antifreeze.

Usage

It is recommended especially for engines made of aluminum alloy radiators and light metals; It is provide high performance in cast iron, steel body radiators and engines.

It is especially recommended that Super Anifriz SNF (G12+) should not be mixed with antifreeze contained in Silicate to take full advantage of the improved corrosion protection feature. It is long life for stationary engines minimum 6 years, truck and bus applications, 650,000 km (approx. 8,000 hours), passenger transport vehicles that 250,000 km (approx. 2000 hours) much longer than comparable products produced with other organic technology.

Features

Enhanced Longevity: Thanks to improved anti-corrosion technology, it has a much longer lifetime. It has a longer life than organic technology products.

Biodegradable (Nature soluble): It does not contain borate, nitrite, nitrate, amine, phosphate and silicate which are harmful to the environment, is much more environmen friendly than many older technologies antifreeze.

High Cooling Performance and Protection: It delays the freezing and boiling of the water in the radiator, preventing the possible damage caused by expansion. It reduces maintenance costs in thermostats, radiators and water pumps without reducing stability even in hard water.

Strong Performance Against Rust and Corrosion Protection: It prevents corrosion on all type of light metal and aluminum alloys used in cooling systems. It provides effective protection in the radiator and the engine housing.

The minimum residue formation: Sediment does not form even when used diluted with city water.

Technical Specifications

Colour	Visual	Orange
*Density, 15°C, g/cm^3	ASTM D 4052	1,116
Boiling Point, ºC/ºF - Diluted with 50% - Undiluted Antifreeze	ASTM D 1120	 110 / 230 188 / 370
pH, 20°C; - Diluted with 50% - Undiluted Antifreeze	ASTM D 1287	 8,69 8,78
*Reserve Alkalinity, mL - Diluted with 50%	ASTM D 1121	 2,2

- Undiluted Antifreeze		5,0
Freezing Point, ºC/ºF (ASTM D 1177)	Antifreeze Ratio (mL)	Water Ratio (mL)
-13 / 8,6	100	0
- / -	90	10
- / -	80	20
-57 / -70	70	30
-50 / -58	60	40
-37 / -34,6	50	50
-25 / -13	40	60
-20 / -4	35	65

**Data given above are typical properties and may vary slightly.*
***Mono ethylene glycol based antifreeze has a higher protection performance when diluted with water at certain ratios, while the protection performance is low when used in pure form.*
****Use only fresh water. Do not use water from industrial processes. Do not use seawater or well water.*

Performance

MAN 324 Type SNF, MB 325.3, Deutz Cummins, Ford WSS-M97B44-D, GM 6277M, VW TL 774 D/F, Skoda, DAF Trucks, Scania TB 1451, Volvo, Renault, Detroit Diesel Series 50&60, Isuzu, Komatsu, Leyland Trucks, ASTM D3306, ASTM D4656, BS 6580, FVV Heft R443, JIS K2234, KS M 2142, MIL BT-PS-606A, MIL DCSEA 615/ C, MIL E/L-1415b, UNE 26-361-88/1

Here are some frequently asked questions about antifreeze: https://speedol.com.tr/sikca_sorulan_sorular

Revision Number

01.04.2024 / REV08