



# Lubrita Antifreeze SF

ST-AFR-4285

## Product Description and Benefits

Lubrita Antifreeze SF is a silicate-free, environmentally-friendly antifreeze for coolant circuits of combustion engines based on 1,2 ethylene glycol (mono-ethylenglykol) which guarantees a maintenance free corrosion and frost protection.

## Application

Lubrita Antifreeze SF can be used in cooling systems with all-aluminium engines. Lubrita Antifreeze SF offers necessary protection against corrosion formation, frost and overheating in summer. Instructions for use: clean the cooling system, check tightness and flush trough. Mix Lubrita Antifreeze SF fresh water (according mix table) and pour it in. Run the engine up to normal running temperature and then top up as required with the mixed antifreeze. The operating instructions of the vehicle and engine manufacturers must be observed.

## Mixing schedule

frost protection up to approx.	parts frost protection	parts water
-12°C	25%	75%
-20°C	35%	65%
-37°C	50%	50%

## Quality-Classification

Lubrita Antifreeze SF is tried and tested for aggregates specifying: MB 325.3, FORD WSS-M97B44-D (from model year 1999), MAN 324 SNF, MTU MTL 5048, OPEL-GM 6277 M, OPEL-GM B 040 1065, Porsche, VW-Audi TL 774 D/F (according G 012 Plus- Quality). Application information MAN : Prohibition of mixing with type NF and type N. Cooling water hoses made of silicone according to MAN 334 type 3 (blue) are not allowed to be used in conjunction with coolants according to MAN 324 type SNF.

## Technical Characteristics

- Excellent for light-alloy engines
- Good reserve alkalinity
- Optimum corrosion prevention for all metals and metal alloys including aluminium used in the cooling system
- Prevention of deposits and foaming in the cooling system
- Is compatible with rubber and elastomer
- Can be mixed with other kinds of antifreeze

## Technical Details

Characteristics	Data	Unit	Test according to
Colour	violet / lilac		visual
Density at 20°C	1130	kg/m <sup>3</sup>	EN ISO 12185
Flash Point (COC)	>110	°C	DIN ISO 2592
Boiling point	>175	°C	ASTM D 1120
pH-Value	8,0		ASTM D 1287
Reserve alkalinity	>5,5	ml 0,1n HCl	ASTM D 1121
Water content	3	Gew- %	ASTM D 1123
Freezing point	-37	°C	ASTM D 1177

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Lubrita check oil level design is trade mark of PMM Ltd. or one of it's subsidiaries.