

DESCRIPTION

FROSTOX® SF-D12PLUS is a premium monoethylene glycol based antifreeze formulated with OAT corrosion inhibitor technology. Salts of organic acids serve as corrosion inhibitors to provide optimal long-life protection. **FROSTOX® SF-D12PLUS** contains no nitrites, amines, phosphates, silicates, or borates.

OEM APPROVALS

FROSTOX® SF-D12PLUS is approved by the following manufacturers:

Audi: VW TL 774 F	Jaguar: WSS-M 97 B44D	Saab: 6277M (B 040 106)
Bentley: VW TL 774 F	Lamborghini: VW TL 774 F	Seat: VW TL 774 F
Bugatti: VW TL 774 F	Land Rover model year 1999 & later: WSS-M 97 B44D	Skoda: VW TL 774 F
Caterpillar: ASTM D4985	MAN: 324 SNF	Vauxhall: 6277M (B 040 106)
Ford: WSS-M 97 B44D	Opel: 6277M (B 040 106)	Volkswagen: VW TL 774 F
GM: 6277M (B 040 106)	Porsche: VW TL 774 F	Zeppelin: ASTM D4985

PHYSICAL AND CHEMICAL PROPERTIES

	Value	Method
Density at 20°C [g/cm ³]	1.110–1.140	DIN 51757
Refractive index	1.426–1.438	DIN 53423
Boiling point [°C]	>170	ASTM D1120
Flash point [°C]	>110	ASTM D51758
pH value (33 % aqueous solution)	7.7–8.5	ASTM D1287
Reserve alkalinity [ml 0.1N HCl/10 g]	>5.0	ASTM D1121





PERFORMANCE CHARACTERISTICS

FROSTOX® SF-D12PLUS easily exceeds all requirements set forth in ASTM D3306 — particularly with respect to ASTM D1384 and ASTM D4340 corrosion testing — and can be mixed even with hard water in any concentration with no precipitate formation. The following water mixture ratios are recommended:

40 % (v/v) FROSTOX® SF-D12PLUS	Freeze point –25°C
50 % (v/v) FROSTOX® SF-D12PLUS	Freeze point –37°C
60 % (v/v) FROSTOX® SF-D12PLUS	Freeze point –52°C

CONTAINER AND DELIVERY SPECIFICATIONS

FROSTOX® SF-D12PLUS is dyed reddish purple. The following container sizes are available:

	1		1.5 litre			3		5		10		20		30 litre
	60		200 litre			20 to 24 tons								

Please inquire for additional container sizes if required.