



APEX

LONG LIFE ANTIFREEZE / COOLANT – G12

APEX LONG LIFE ANTIFREEZE, is produced with high purity monoethylene glycol and organic corrosion additives. It provides excellent protection cooling systems of all iron and aluminum alloys engines against rust and corrosion. **APEX LONG LIFE ANTIFREEZE** is nitrite, amine, phosphate, silicate and borate free antifreeze based on ethylene glycol, which must be diluted with water before use. It can safely use as a coolant in all cars, vans, trucks, agricultural machines.

Properties

- Protects against winter freezing and summer overheating.
- Corrosion inhibitor technology protects metals against all forms of corrosion.
- Due to its excellent protection, thermostat reduces maintenance needs of radiator and water pump.
- Shows a good performance in all seasons due to good heat conduction properties.

Approvals and Specifications

- VW/Audi/Seat/Skoda TL 774-C
- Ford ESE M97 B49-A
- Ford ESD M97 B49-A
- Man N. Man 248 and 324
- Volvo (Reg. N° 260)
- Pegaso
- Renault 41-01-001
- Chrysler MS 9176
- Mack 014GS17004
- Man B&W D 36 5600
- John Deere H 24 B1 and C1
- Mack 014GS17004
- MB Approval 325.3
- Ford WSS-M97B44-C
- Opel GM QL 130100
- Wartsilia 32-9011
- Leyland Trucks LTS 22 AF 10
- GM US 6277 M
- GM 1899M
- Cummins 90T8-4
- CUMMINS 85T8-2
- Navistar B-1, Type III
- Deutz/MWN 0199-2091 2 Auflage



PRODUCT DATA SHEET



Technical Specifications

Test	Method	Typical Properties
Density @ 20 °C	ASTM D 5002	1,105-1,145
Freezing Point °C In water % 50 antifreeze In water % 33 antifreeze	ASTM D 1177	(-36) – (-38) (-16) – (-18)
pH value at 25 °C da pH, % 100 antifreeze pH, % 50 antifreeze + %50 water pH, % 33 antifreeze + %67 water	ASTM D 1287	6,5-7,5 7,5-9,0 7,5-9,5
Boiling Point, °C	ASTM D 1120	Min. 163
Reserve Alkalinity (M/10HCl), ml	ASTM D 1121	Min. 6,0
Chloride, ppm	ASTM D 3634	Max 30
Silicon, ppm	-	220 - 255
Ash content, mass %	ASTM D 1119	5 max