



ATLANTIC ANTIFREEZE

Premium Antifreeze Concentrate

PRODUCT DATA

DESCRIPTION

ATLANTIC ANTIFREEZE is an undiluted fully formulated long-life heavy-duty ethylene glycol antifreeze with anti-corrosion inhibitors. It offers total and permanent protection of the cooling system. It contains no nitrates, phosphates, or amines.

APPLICATIONS

ATLANTIC ANTIFREEZE is designed for use in cooling circuits of the open or closed type (vehicles and heating). Suitable for automotive and heavy-duty petrol and diesel engines found in on-road, off-road, marine, farm, mining and construction equipment. Dilute with demineralized water.

PROPERTIES

ATLANTIC ANTIFREEZE is a hybrid antifreeze, containing the combination of organic additive technology inhibitors boosted with borate, nitrite, nitrate, molybdate and silicate inorganic corrosion inhibitors. It is a low silicate, phosphate and amine free antifreeze suitable for heavy-duty applications without supplemental coolant additives.

PRODUCT BENEFITS

- Anti-corrosion inhibitors
- Provides freeze protection to -37°C and boilover protection to 129°C
- Amine and phosphate free
- A clean cooling system with protection from sludge and scale deposits
- Typically provides five years, or 240,000 kilometers service
- Miscible and compatible with other engine antifreeze
- Low silicate level also provides aluminium compatibility
- Protection against frost
- Protection against cavitation's corrosion
- Effective engine cooling without boiling

FILLING INSTRUCTION:

Diluted with clean water (preferably de mineralized) to a concentration of between 30% that ensures satisfactory protection against corrosion for light vehicles and 50% which is the recommended concentration to achieve the best degree of protection performance for larger diesel engines. In a clean cooling system, ATLANTIC ANTIFREEZE will deliver optimum performance and protection for up to one year upon which the system should be drained and refilled. When topping –up system use Antifreeze diluted with the appropriate amount of water.

RECOMMENDATIONS / SPECIFICATIONS

ASTM D3306,D4985, D6210 AFNOR 15-601/1991, BS 6580-1992, SAE: J1034, US Fed: A-A-870-A. AS/NZ: 2108.1:1997 'Type A', Caterpillar: EC-1 (sections 2.3–4.5 included), Cummins: Bulletin 3666 132, JLS: K 2234, Volvo, Daimler Chrysler: MS 9769, Detroit Diesel: 7SE298; 93K217, Freightliner: 48-22880, General Motors: 1825M, 1899M, Heavy Truck, John Deere: JDM H24, Kenworth: RO26-170-97, MACK Truck: 014GS17004, MAN: 324, Mercedes-Benz: DBL 7700, MTU: MTL 5048, PACCAR: CSO185, Scania: TB1451, TMC: RP 329, Daimler Chrysler: MS 7170, Ford: ESE-M97B44-A, Scania: 6901, ESE-M97B18-C, John Deere: HD 24, International (IT&E): CEMS B-1, New Holland: WSN-M97B18-D, Peterbilt: 8502.002,

TYPICAL TECHNICAL PROPERTIES	
CHARACTERISTICS	
Product code	12524ASP
Specific Gravity 15.6°C (ASTM D 1122), g/mL	1.13
pH (ASTM D 1287)	8.5
Freeze Point 50% volume (ASTM D 1177), °C	-37
Reserve Alkalinity ml (ASTM D 112), (min.)	6.0
Flash Point(COC), ASTM D92, (min), °C	116

TYPICAL FREEZE/BOILOVER PROTECTION MIXING CHART (Using a 103.4kPa pressure cap)

TYPICAL TECHNICAL PROPERTIES			
Mixing Ratio		Freezing Point Protection (°C)	Boilover Protection (°C)
Antifreeze concentrate (%)	Demineralized water (%)		
40	60	-24.4	+106.7
50	50	-37	+129
60	40	-52	+132

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 208 L | 5L | 4L | 1L |