

EMIRATES 1 ANTIFREEZE

(Antifreeze- Concentrate)

DESCRIPTION

EMIRATES 1 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

EMIRATES 1 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

EMIRATES 1 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 boil over 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 aluminum compatibility**
- **Protection against frost**
- **Protection against cavitation's corrosion**
- **Effective engine cooling without boiling**

Specifications/Recommendations

ASTM D3306, D4985, D6210 AFNOR 15-601/1991, BS 6580-1992, and 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 3666132, 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: R026-170-97, 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

EMIRATES 1	ANTIFREEZE
Concentration (%)	100
Specific Gravity 15.6°C (ASTM D 1122), g/mL	1.13
pH (ASTM D 1287)	8.5
Reflux boiling point (ASTM D 1120), °C	165
Reserve Alkalinity ml (ASTM D 112), (min.)	7.0
Flash Point(COC), ASTM D92, (min), °C	116

*C & B: Clear & Bright

Note: The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

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). Safety Data Sheets available on request.

Available in Pack: 200/208/250/5/4/1L