



Antifreeze/Coolant Concentrate

Nitrite, amine, phosphate and silicate-free antifreeze/coolant

Product description

Texaco Antifreeze/Coolant Concentrate is a cost-effective coolant concentrate. It offers freezing, boiling and corrosion protection.

Antifreeze/Coolant Concentrate is formulated with OAT (organic acid technology) additives in an ethylene glycol base fluid. The formulation is nitrite, amine, phosphate and silicate-free.

Customer benefits

- Cost-effective formulation
- Helps provide efficient freeze protection and boiling resistance
- Offers good corrosion protection to a wide range of metals including non-ferrous components

Product highlights

- **Cost-effective formulation**
- **Helps provide efficient freeze protection and boiling resistance**
- **Promotes wide-range corrosion protection**

Selected specification standards include:

British Standard

French Standard

Applications

Antifreeze/Coolant Concentrate offers year-round freezing, boiling and corrosion protection and should be diluted before use. The recommended concentration is 50% by volume.

A minimum of 33 % by volume is needed in order to ensure corrosion protection (this mixture will give freezing protection down to -19 °C). For maximum protection against freezing in extremely cold areas, the concentration may be increased up to 70 % by volume. Higher concentrations will not give any additional freeze protection.

This product should not be used to protect the inside of potable water systems against freezing.

Approvals, performance and suitable for use

Performance

Antifreeze/Coolant Concentrate meets the requirements of:

- British Standard BS 6580:1992 and BS 6580:2010
- French Standard NF R 15-601

As required by BS 6580:2010, the formulation includes denatonium benzoate (bitterant).

Product maintenance and handling

Texaco Antifreeze/Coolant Concentrate should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above +35°C should be minimised.

It is strongly advised not to expose Antifreeze/Coolant Concentrate in translucent packages to direct sunlight, as this can result in discoloration over time. This reaction can be accelerated with high ambient temperatures. It is therefore advisable to store coolant in translucent packages indoors.

As with any antifreeze coolant, the use of galvanised steel is not recommended for pipes or any other part of the storage and mixing installation.

Always dispose of used coolant in accordance with all local, state and federal guidelines.

Typical test data		
Test	Test Methods	Results
Dilution		Concentrate
Shelf Life: 36 months from date of filling indicated on the product label		
Colour		Light blue
Density at 20°C, Kg/L	ASTM D5931	1.110
Freezing point, °C ¹	ASTM D1177	-35
Equilibrium boiling point, °C	ASTM D1120	159
pH at 20°C, NUOM ¹	ASTM D1287	8.4
Reserve alkalinity (pH 5.5), mL 0.1N HCl	ASTM D1121	3.0
Refractive Index at 20°C	ASTM D1218	1.427

1. Test result values are measured based on a 50% solution

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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When disposing of used product, take care to protect the environment and follow local legislation.

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