

QUANTUM[®] Antifreeze Ready -40 °C

Description and Application

QUANTUM[®] Antifreeze Ready -40 °C is coolant/antifreeze for year-round use formulated from ethylene glycol and an appropriate selection of silicate-free additives based on organic (mono and dicarboxylic) acids.

QUANTUM[®] Antifreeze Ready -40 °C is designated to provide protection against freezing, overheating and corrosion in combustion engines. It is fit for passenger cars, trucks, buses, off-road vehicles, marine and stationary engines and etc. It is ready product and could be used without dilution with water.

It guarantees freeze/frost protection at ambient temperatures down to minus 40°C*.

*Note - This temperature is the average value of the Initial Crystallization Temperature value and the Pour Point value. The exact value of the Freezing Temperature is determined in a laboratory. Approximate values can be obtained by refraction meters and hydrometers, calibrated for ethylene glycol based coolants.

Specifications

BS	6580
ASTM	D 3306

Typical Characteristics

Parameter	Test Method	Typical Value
Appearance	Visual	Clear fluid
Colour	visual	Light Blue
Relative Density at 15.5°C	ASTM D 1122	1.07
Initial crystallization point, °C	ASTM D 1177	minus 37
pH	ASTM D 1287	8.5
Foaming properties*	ASTM D 1881	
- Foam Volume, ml		10
- Break Time, s		0
Corrosion in Glassware*	ASTM D 1384	
- Weight Loss, mg/specimen		
- Copper		1
- Solder		5
- Brass		1
- Steel		1
- Cast Iron		1
- Aluminium		1

** measured on 50 %v/v of Antifreeze concentrate in distilled water *** measured on 33% v/v of Antifreeze concentrate in distilled water. Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

This product is classified as dangerous and requires special labeling. The use of this product should be in accordance with the guidelines for safe handling in the safety data sheet

For more information about product MSDS, terms and conditions for storage and shelf life please visit: www.quantum-oils.com