

SILICATE ANTIFREEZE

1 LITRE	2 LITRE	5 LITRE	25 LITRE	205 LITRE
VCA101	VCA102	VCA103	VCA104	VCA105D1/VCA105D4

PRODUCT SPECIFICATION

Description

Motaquip silicate-based antifreeze and coolant is formulated with a blend of corrosion inhibitors and additives and is an economical all year product. It provides maximum protection to the engines cooling system and is suitable for all petrol and diesel engines.

Motaquip silicate antifreeze provides protection to all metals commonly used in engine construction from corrosion and cavitation, including aluminium. It is formulated to maintain efficient cooling thus preventing overheating and lubricates moving parts.

Application

SILICATE ANTIFREEZE is suitable for use in all climates and provides year round corrosion and freezing protection. When diluted with clean water it can provide freezing protection as low as – 65° C where extreme winters are usual. To ensure satisfactory freeze and corrosion protection it is recommended that the minimum concentration used is 25% by volume. In all climates, alongside protecting the engine from corrosion, Silicate Antifreeze offers excellent heat transfer properties, and minimises the risk of radiator overheating, by raising the boiling point above that of water alone. The following freeze protection data should allow the end user to decide the degree of dilution necessary for their situation. Use only clean water to dilute the antifreeze and NEVER use at concentrations greater than 70% by volume.

Performance Levels

BS6580 (1992), ASTM D 3306, ASTM D 4985, BTC Classification – 2E

Storage Requirements

The product should be stored at ambient temperatures and periods of exposure to temperatures above 40°C should be minimised. Antifreeze should always be stored in the original container and partly used containers should be closed tightly after use. Mild steel tanks are satisfactory for bulk storage. Transport of antifreeze is not regulated but labelling of MEG based product is required: Xn, R22 (harmful if swallowed) and S2 (Keep out of reach of children).

Toxicity and Safety

Refer to SILICATE ANTIFREEZE Safety Data Sheet.

Antifreeze: Water Dilution in % Volume	Freezing Protection, °C
70:30	-65
60:40	-50
50:50	-37
35:65	-18
25:75	-13

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