

# Product Information

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## FRICOFIN CV 50

**Premium Performance, long-life anti-freeze, anti-boil engine heavy-duty coolant premix, free of nitrites, borates, amines, phosphates and silicates with 2-EHA free, x-OAT-technology.**

### Description

As a x-OAT coolant premix it provides a stable inhibitor system based on organic acids (OAT) for maximum drain intervals and a small concentration of inorganic inhibitors (X) to accelerate the performance.

### Application

FRICOFIN CV 50 is used as a coolant for on- and off-highway engines used in passenger vehicles, trucks, buses, agricultural equipment, marine, stationary and power generation engines where glycol-based antifreeze coolants are required. It is compatible with most glycol-based engine coolants. This product has been designed to provide a single solution for operators where mixed fleets of equipment are in use. FRICOFIN CV 50 is excellent for use where a coolant with OAT technology is required. Suitable for use for indirect cooling of Hybrid and Battery Electric Vehicles (BEVs) in automotive and heavy-duty applications if there is no requirement for low electrical conductivity.

FRICOFIN CV 50 when maintained at a 50% concentration, will be used best with following drain interval recommendations, if the OEM does not give other advice.

Commercial vehicles 1,200,000 km/12,000 hrs,  
Passenger cars 250,000 km/2,000 hrs.  
Stationary engines 30,000 hrs/5 years.

As with all coolants, even with FRICOFIN CV 50, the use of galvanized components in cooling

circuits and as a part of storage or mixing installation (e.g. for pipes) should be avoided. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Free of 2-EHA, nitrites, borates, silicates and phosphates.
- High protection against freezing and overheating.
- Suitable for mixed fleets.
- Compatible with seals, plastics and non-ferrous metals.
- High long-lasting protection against deposits, cavitation and corrosion in engines and coolers.
- Contains bittering agent to prevent swallowing.

### Specifications

- AFNOR NF R15-601
- ASTM D3306-20 Type III
- ASTM D 4985
- AS/NZS 2108:2004 TYPE A
- BS 6580:2010
- GB 29743-2013
- FVV Heft R443
- SAE J1034

### Approvals

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## FUCHS Recommendations

- ASTM D6210 TYPE III-FF
- BAIC GROUP FOTON Q-FPT 2313005-2013
- Bergen Engines 2.13.01
- CAT EC-1
- CNH MAT 3624
- CNH MAT 3724
- CUMMINS CES 14603, CES 14439
- DAF 74002
- DETROIT DIESEL 93K217
- DEUTZ DQC CB-14
- FORD WSS-M97B44-D
- FPT FPI9\_COOL002
- GM 6277M/GMW 3240/GMW 18270
- Jaguar/Land Rover STJLR.03.5212
- JASO M325
- JCB 00088
- JIS K 2234
- Komatsu 07.892 (2017)
- LIEBHERR MD 1-36-130
- MAN 324 TYPE SNF
- MAN ENERGY SOLUTIONS CW 28 33
- MB 326.3 / DTFR 29D120
- MTU MTL 5048
- Toyota TSK2601G
- UNE 26-361-88/1
- VOLVO COOLANT VCS (STD 418-0001)
- VOLVO COOLANT VCS-2 (STD 408-0007)
- VOLVO COOLANT XLC (STD 418-0005)
- VW TL774D/F

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## TYPICAL CHARACTERISTICS

Density at 20°C	ASTM D 5931	1.05 g/ml
pH-value	ASTM D1287	8.5
Colour	Visual	Red
Boiling Point	ASTM D1120	108 °C

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