

Product Information

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TITAN FRICOFIN DP 50

Premium Performance ready-mix coolant based on monoethylene glycol. Offers frost protection down to -40 °C. Si-OAT technology free of nitrites, amines, borates and phosphates.

Description

TITAN FRICOFIN DP 50 is a coolant Ready-Mix based on monoethylene glycol and demineralized water for commercial vehicles, passenger cars and stationary engines. As a premixed Si-OAT antifreeze, it combines inhibitors of organic acids with longest change intervals and fast reacting silicates. TITAN FRICOFIN DP 50 is free of nitrites, amines, borates, and phosphates.

Application

Thanks to FUCHS BluEV Technology, TITAN FRICOFIN DP 50 is excellent for use for indirect cooling of Hybrid and Battery Electric Vehicles (BEVs) in automotive and heavy-duty applications if there is no requirement on electrical conductivity. TITAN FRICOFIN DP 50 is a 50 vol% mixture with water and the concentrate of TITAN FRICOFIN DP. TITAN FRICOFIN DP 50 can be used directly in the cooling system without further dilution. TITAN FRICOFIN DP 50 is miscible with coolants approved as per VW TL 774-C (G11), TL 774-F (G12+), 774-G (G12++) and 774-J (G13), however, to achieve a full performance a complete change is recommended. Always observe the manufacturers recommendations when mixing with other coolants. Manufacturers' drain intervals and recommendations about the concentration are mandatory. As with all coolants, even with TITAN FRICOFIN DP 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

- Ready for use, mixed with demineralised water - no additional dilution required.
- Excellent fast-reacting protection against deposits, cavitation and corrosion in engines and cooling systems.
- Superior protection against freezing and overheating.
- Longest drain intervals possible.
- Compatible with seals, plastics and non-ferrous metals.
- Contains bittering agent to prevent swallowing.

Specifications

- AFNOR NF R 15-601 TYPE 3
- ASTM D 3306 TYPE III
- ASTM D 4985
- BS 6580:2010
- SAE J814
- UNE 26-361-88/1

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Approvals

- CUMMINS CES 14603
- DETROIT DIESEL 93K217
- DEUTZ DQC CC-14
- DTFR 29D120 (MB 326.5)
- MAN 324 TYPE Si-OAT
- MB-APPROVAL 326.6
- MTU MTL 5048
- VW TL 774-G (G12++)
- VOITH (172.00225040 - Type Si-OAT)

FUCHS Recommendations

- ASTM D 6210 TYPE III
- IVECO 18-1830
- SCANIA TB 1451
- VW TL 774-J (G13)

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TYPICAL CHARACTERISTICS

Density at 20°C	DIN 51757	1.074 g/ml
Boiling Point	ASTM D1120	>105 °C
pH-value	DIN 51369	8,4
Product Dyeing	DIN 10964	pink-violet
Frost Protection		-40 °C

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Notes

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS (UK) plc in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS (UK) plc application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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