Product information

PI 45/11/20/2025

Coolant & Antifreeze Ready Mix RAF 12+

Description

Premixed product based on ethylene glycol. Antifreeze that does not contain amines, nitrites, phosphates, borates or silicates and offers outstanding protection against frost, corrosion and overheating thanks to its OAT inhibitor package specially developed for modern aluminum high-performance engines. Enables safe, year-round vehicle operation.



Properties

- excellent corrosion protection
- excellent cleaning effect
- prevents the cooling system from freezing up
- prevents operational malfunctions
- ready for use
- provides outstanding protection against overheating
- outstanding for aluminum high-performance engines
- contains no amines, borates, nitrites, phosphates or silicates

LIQUI MOLY recommends this product for vehicles or assemblies for which the following specifications or original spare part numbers are required:

ADE • Aston Martin • Behr • Bergen Engines 2.13.01 • CASE New Holland MAT 3624 • Caterpillar / MAK • Caterpillar GCM34 • Caterpillar MWM 0199-99-2091/12 • Chevrolet • Claas • Cummins CES 14439 • Cummins CES 14603 • Cummins IS series u N14 • DAF74002 • Detroit DFS93K217 • Deutz DQC CB-14 • Fendt • Fiat 9.55523 • Ford WSS-M97 B44-D • Foton Q-FPT 2313005-2013 • Great Wall • Hitachi • Irisbus Karosa • Isuzu • Jaguar CMR 8229 • Jaguar / Land Rover STJLR.651.5003 • Jenbacher TA 1000-2000 • John Deere JDM H5 • Kobelco • Komatsu 07.892 (2009) • Land Rover • Lancia 9.55523 • Leyland Trucks DW03245403 • Liebherr MD1-36-130 • Mack 014 GS 17009 • MAN B&G A/S • MAN B&W AG D36 5600 • MAN Diesel & Turbo SE • Mazda MEZ MN 121 D • Mitsubishi Heavy Industry (MHI) • MTU MTL 5048 • Opel/GM GMW 3420 • Proton • Renault-Nissan Renault RNUR 41-01-001/--S Type D • Renault Trucks 41-01-001/--S Type D • Saab B040 1065 • Santana Motors • Saturn • Suzuki • Tedom • Thermo King • Valtra • Van Hool • Vauxhall GMW 3420 • Volvo Construction • Volvo Penta • Volvo Trucks • Wärtsila 32-9011 • Wärtsila SAMC Diesel DLP799861 • Waukesha • Yanmar

Technical data

Density at 20 °C	1,053 g/cm³
Shelf life in original sealed container	36 months
Frost protection	up to -40 °C

Technical data

Color / appearance	red
Base	Ready Mix (50:50)
Flash point	> 125 °C

Areas of application

For all cooling systems and engines, particularly aluminum high-performance engines, in cars, commercial vehicles, motorcycles, buses, agricultural machinery as well as stationary engines and equipment that require cooling system protection of this quality. Particularly suitable for engines of the latest generation.

Application

Clean the cooling system with LIQUI MOLY Radiator Cleaner (part no. 3320). Then drain it, flush it thoroughly with water and fill with ready-to-use Coolant & Antifreeze Ready Mix RAF 12+. Disposal according to the local regulations. Change interval according to manufacturer's instructions. Coolant & Antifreeze Ready Mix RAF 12+ is miscible and compatible with silicate-free radiator antifreeze with quality VW designation G12+ and VW specification TL 774-D/F (Coolant & Antifreeze KFS 12+ from LIQUI MOLY) or with radiator antifreeze that contains silicates from the original products in accordance with the VW specification TL 774-C (Coolant & Antifreeze KFS 11 and Coolant & Antifreeze Ready Mix RAF 11 from LIQUI MOLY).

Available pack sizes

1 l Canister plastic	6924 DE-EN
5 l Canister plastic	8810 DE-EN-ES-IT-PT
20 l Canister plastic	8811 DE-EN-ES-IT-PT
200 l Black plate barrel	8812 DE-EN-ES-IT-PT

Our information is based on thorough research and may be considered reliable, although not legally binding.

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