



PENRITE



85% REDUCTION
IN LANDFILL
WASTE

UNIVERSAL TOP UP COOLANT PREMIX Last updated: 17/11/2022 5:12 pm

PRODUCT CODE	PACK SIZE	CARTON QTY
AFABPMXYELLOW001	1L	6

PRODUCT BENEFITS

Universal Coolant Top Up is a Type A Anti-Freeze Anti-Boil Coolant Premix that can be mixed with **ALL COOLANT and INHIBITOR TYPES** including those that contain ethylene glycol and long life, low depletion rate inhibitors. It is specifically designed to not discolour existing coolant*

APPLICATION

Universal Coolant Top Up is suitable for the cooling systems of all types of passenger vehicles, 4WD's, light & heavy commercial vehicles, agricultural machinery, stationary engines and motorcycles. It can be used to top up Organic Acid Technology (**OAT**) & Hybrid Organic Acid technology (**HOAT**) Type A anti-freeze anti boil coolants as well as Type B inhibitor only solutions. It is safe to use wherever anti-freeze / anti-boil / anti-corrosion properties are required with all coolant types and brands.

Universal Coolant Top Up is light yellow tinted and will **NOT DISCOLOUR** existing coolant if not mixed at greater than 10% of system capacity. There is no limitation on the amount of Universal Coolant Top Up that can be used in the cooling system and it can be mixed with all coolants types regardless of colour.

Universal Coolant Top Up is a 50% concentration formulation and is ready to use directly from the container. It is pre-mixed with de-mineralised water and can be poured directly into the cooling system. No further dilution is required. It can be used as a complete service refill or top up. Penrite recommend that a 50% concentration level should be maintained for maximum, performance and longevity of the coolant and protection of the cooling system.



INSTRUCTIONS FOR USE

- Allow cooling system to cool sufficiently before proceeding.
- Remove radiator cap or overflow reservoir cap.
- Add directly to the cooling system via radiator or overflow reservoir.
- Replace radiator or reservoir cap securely.

DOSE RATE - FREEZING POINT BOILING POINT

Mix Ratio	50%
Freezing Point	-38°C
Boiling Point	+109°C

COOLANT TESTING

Penrite recommend flushing the cooling system prior to a complete service refill. [Penrite Radiator Flush](#) effectively cleans the system in 7 minutes and prepares the cooling system for new coolant.

DEMINERALISED WATER

When mixing coolants, Penrite recommend mixing at the manufacturers recommended concentration levels with [Penrite De-Mineralised Water](#)

PRODUCT BENEFITS

- Compatible with all coolant types.
- Will not discolour original coolant.*
- Compatible with plastics, rubbers and seals.
- **Note: Premix coolants do not require further dilution with demineralized water**
- Protects all internal surfaces from corrosion, including aluminium.
- Long life coolant & inhibitor pack.
- Phosphate free formulation.
- Ready to use - no mixing.

***Universal Coolant Top Up** will not discolour existing coolant provided that it is not mixed at greater than 10% of system capacity.



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PRODUCT PERFORMANCE LEVELS

- ASTM D-3306
- ASTM D-4985
- Audi TL 774-C (G11)
- Audi TL 774-D (G12)
- Audi TL 774-F (G12+)
- Bentley
- BS 6580
- Caterpillar EC-1
- Chrysler MS-9769
- Cummins 85T8-2
- Cummins CES MG03
- CUNA NC 956-16
- Deutz AG 0199-99-1115/2091
- Federal Standard O-A-548D
- Fiat 9.55523
- Ford M97-51A
- Ford M97-B44-A
- Ford M97-B44-D
- German Army TL6850-0038/1
- GM 1825M
- GM 1899M
- GM 6277M
- GM Holden 6277M
- Holden HN 2043
- Holden HN 2217
- Jaguar M97-B44-D
- JASO M325 (Japan)
- JCB STD 0088
- Jenbacher TA 1000-0201
- JI Case JIC 501
- JIS K2234 (Japan)
- John Deere JDM H24
- Komatsu KES 07.892
- KSM 2142 (Korea)
- Lamborghini TL 774-D (G12)
- Lamborghini TL 774-F (G12+)
- Leyland BLS.22.AF.01
- Liebherr MD 1-36-130
- Mack 014 GS 17009
- Mitsubishi ES-X64217
- MTU MTL 5048
- Navistar B1 Type III
- Nissan NES M5059
- Opel B 040 1065
- QL 13D100
- Renault 41-01-001Q Type D
- Rover BLS.22.AF.01
- SAAB GM6277
- SAE J1034
- Scania T1.02-98 0813
- Seat TL 774-C (G11)
- Seat TL 774-D (G12)
- Seat TL 774-F (G12+)
- Skoda TL 774-C (G11)
- Skoda TL 774-D (G12)
- Skoda TL 774-F (G12+)
- TMC RP 329
- Toyota Long Life TSK2601G
- UNE 26.361.88
- Vauxhall B 040 1065
- Volvo VCS
- VW TL 774-C (G11)
- VW TL 774-D (G12)
- VW TL 774-F (G12+)

TYPICAL DATA

Colour	Yellow
Density at 20°C, kg/L	1.077
Glycol Content, g/L	537