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DEMINERALISED WATER

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PRODUCT CODE	PACK SIZE	CARTON QTY
DEWATER001	1L	6
DEWATER002	2L	6
DEWATER005	5L	3
DEWATER020	20L	

PRODUCT BENEFITS

Demineralised Water is a clear, colourless and odourless purified water that has been refined by removing harmful mineral ions, salts and other impurities such as Calcium, Magnesium, Sodium, Chloride, Sulphate, Nitrate and bicarbonate that can cause destabilisation of other chemicals with which it is mixed. It is also known as deionised water and used in **OEM Approved** coolant Premix solutions.

APPLICATION

Demineralised Water is suitable for mixing with engine coolants to achieve the desired concentration level of the coolant. It can be used with both Type A (Anti-Freeze Anti-Boil) coolants and Type B (Inhibitor Only) coolants. It is suitable for all conventional type coolants including OAT and Hybrid type concentrates. It reduces mineral scale build up and the possibility of premature corrosion of the cooling system. It also lowers the possibility of a chemical reaction between the coolant, water and materials used in the radiator.

Demineralised Water can be used as a straight top up in cooling systems where the appropriate coolant is not available, although this will reduce the coolants concentration level and can alter the coolant performance. If used as top up, it is recommended that the coolant also be topped to the correct concentration level.

(Penrite recommend using Penrite OEM Approved Coolants for optimum performance, protection and longevity of the coolant and the cooling system).

Demineralised Water can also be used in lead acid batteries as the reduction in mineral and salt ions that are commonly found in tank and tap water can drastically shorten the lifespan of a lead-acid battery. Effects of not using demineralised water are corrosion of the positive plate and mineral contaminates in the electrolyte solution which can effect metallic components and hence a loss in performance.

Demineralised Water can also be used in many other applications such as steam irons, aquariums, autoclaves, laboratory, laser cutting and many more. It is also ideal for watering indoor and delicate plants as it will not cause a build-up of minerals in the soil.

Please Note: A 58mm cap with pouring tap is available to fit 20 litre packs. <https://penriteoil.com.au/products/58mm-plastic-tap>

STORAGE & NOTATIONS

- **Demineralised Water** is suitable for storage, in its original package, for a period of 24 months from the date of manufacture.
- **Demineralised Water** should be stored in a cool dark location.

PRODUCT BENEFITS

- Maximises life of engine coolants and lead acid batteries
- Can be mixed with all types of engine coolants
- Suitable as an engine coolant top up
- Multiple applications in varied industries
- OEM quality product.

PRODUCT PERFORMANCE LEVELS

TYPICAL DATA

Specific Gravity	1
Boiling Point Point °C	100
Solubility	Complete 100%
pH	7.2

