



De-Mineralised Water

Coolant & Radiator Water

Issue: April 2017

PRODUCT CODE	PACK SIZE	CTN / QTY
DEWATER001	1 Litre	6
DEWATER005	5 Litre	4
DEWATER020	20 Litre	1



Product Description

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.

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.

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.

Typical Data

Colour	Clear Odourless Liquid
Specific Gravity	1
Boiling Point Point °C	100°C
Solubility	Complete 100%
pH	7.2

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

PENRITE



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