

Product Information VC.10.08**03-05-2024****VatOil Antifreeze LL 13****Description**

Antifreeze LL 13 is a premium Long Life antifreeze, which contains the patented LOBRID additive technology based on 'Organic Acid Technology' and a small percentage of silicate. It has been specifically designed for use in engines/radiators made from light metals such as aluminium, magnesium or their alloys and complies with VW specification TL VW 774J (G13). Thanks to the addition of powerful corrosion inhibitors, the product is practically unaffected by ageing. Corrosion inhibitors also prevent sludge and deposits forming in the radiator, thereby also ensuring optimal cooling in the long term.

Please note! Reliable measurement of the freeze protection level is only possible using special refractometers with a separate G13 scale!

Application

Antifreeze LL 13 is a purple-coloured antifreeze for the cooling systems of Volkswagen, Audi, Skoda and Seat vehicles. Antifreeze LL 13 can easily be mixed with older VAG grades, such as G12, G12+ and G12++. Optimal results can only be achieved with 100% filling. Dilute with demineralised water to the recommended ratio before use.

Specifications

VW TL 774-J

Typicals

Density at 15 °C, kg/l	1,143
Refraction Index 20°C	1,440
pH - 33% in water	8,4
Reserve alkalinity, pH	5,7
Crystallizationpoint: 33 vol%, °C	-17
Crystallizationpoint: 40 vol%, °C	-23
Crystallizationpoint: 50 vol%, °C	-36

Available packagings

50678

20 L can

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.