

# **INSTRUCTIONS FOR:**

# **ANTI-FREEZE & BATTERY ACID** Model: VS005 **TESTER**

Thank you for purchasing a Sealey product which has been manufactured to a high standard. If used according to these instructions and properly cared for this product will give you years of trouble free performance.



IMPORTANT: PLEASE READ INSTRUCTIONS CAREFULLY, NOTE THE SAFE OPERATIONAL REQUIREMENTS & WARNINGS. USE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

WARNING! When testing fluids especially battery acid ensure fluid does not come into contact with your eyes or skin which could cause serious injury. Wear protective gloves and cloths. Ensure all general workshop safety rules are applied when working with vehicle batteries.

#### 1. ANTI-FREEZE TEST

The instrument incorporates a display, subdivided into three scales from which you check that the fluid contains sufficient anti-freeze by reading the values (fig 1). To test coolants refer to scale A (fig 1). For "Propylene glycol" check the left side of scale A. For "Ethylene" check the right side. For windscreen washer fluid refer to scale B. Note: Variations in formulation of windscreen washer fluids may result in an average value for a variety of alcohol based anti-freeze mixtures. this test is therefore a guideline only.

### 2. BATTERY ACID TEST

To test battery acid refer to scale "C" which indicates the density of the acid in kg per litre, and the ranges for Recharge, Fair and Good.

## 3. TEST PROCEDURE.

- Check the prism (fig 2.2) and lid (1) are clean. 3.1.
- With pipette supplied, place a drop of the fluid 3.2. you wish to test on prism (2).
- Close the lid (1), to disperse the fluid. 3.3.
- 3.4. Turn eyepiece (3) so that it is correctly focused.
- Read off the value on the corresponding scale, 3.5. which will be indicated by a pronounced LIGHT-DARK dividing line. On completion of each test carefully clean the prism with a lint free dry cloth.

# fig 1 -30 --20 30 1.20 20 10 PROPYLENE III ETHYLENE WATERLINE fig

#### 4. MAINTENANCE.

4.1. Keep unit clean. Protect eye lens, display lid and prism free from scratching.

To test instrument accuracy, place distilled water on the prism and 4.2. check that the LIGHT-DARK dividing line is level with the "WATERLINE". If the reading is incorrect contact you local Sealey dealer.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without

prior notice. IMPORTANT: No liability is accepted for incorrect use of this product. WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim. INFORMATION: Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.



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