



www.acustrip.com

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Antifreeze Coolant HD ELC Specifications & Instructions

Acustrip 40240

Please read all instructions and safety information prior to using product.

Acustrip is pleased to offer the new 4-way ELC Dip n' Read Dilution Test! It is specifically designed as the quickest and most simple way to test Organic Acid Coolants on-site. No mixing or measuring of the samples, Simply Dip n Read the test strip results.

Introduction

The 40240 series of test strips provide exceptional quality and value in the measurement of Freeze Point, OAT, Nitrite and pH in a variety of Organic Acid coolants. For Organic Acid Coolants ONLY.

The specific ranges are:

Glycol	0-60%
Inhibitor	60-100
Nitrite	0-3200
pH	6-13

Availability

The Acustrip 40240 is available in a case of 12 bottles of 25 test strips each.

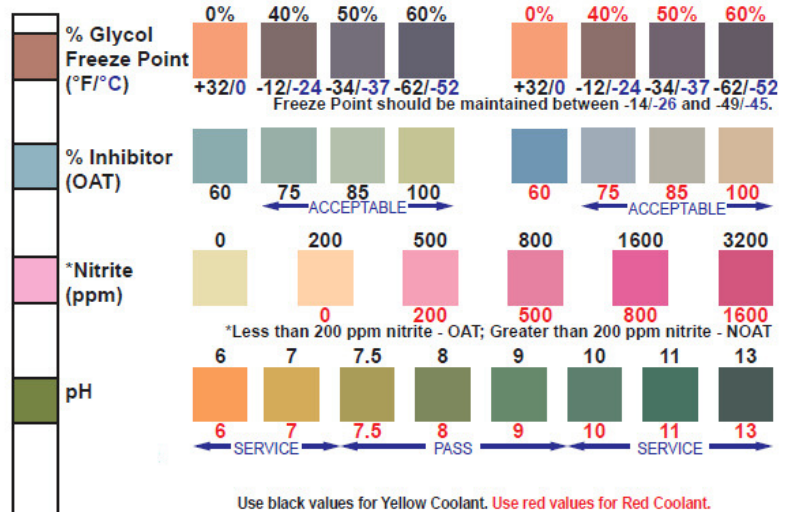
NOTE: You can use the Acustrip 40240 to convert from one coolant type (ELC) to another (NFOAT). Please see the instructions at the end of this document.



Test Procedures

Test antifreeze coolant before maintenance is performed. The test strips should be used by the date on the packaging. For best results:

- Start with clean, dry hands and utensils.
- Run test in a well-lit area, natural light if possible.
- Collect coolant sample from the radiator or petcock. DO NOT collect from the coolant recovery or overflow system. Coolant must be between 50° F and 130° F when tested. Room temperature is preferred.
- Remove one strip from one packet. DO NOT touch the pads on the end of the strip.
- Dip strip in coolant sample for two seconds without motion. Remove, and shake strip once to remove excess liquid.
- Wait 45 SECONDS after dipping strip and then compare to the color chart.
- Complete color matching within 20 seconds.
- For best results follow test times carefully. Use a stopwatch or clock with a sweep second hand. Comparing the test strips to the color chart too soon or too late may result in incorrect readings and improper treatment and could result in liner pitting and engine damage.
- All readings should be recorded on the truck maintenance record for future reference.



Please Note: Your computer monitor or printer may not correctly render the colors in the above color chart. For the most accurate results, please consult the color chart that accompanies the test strips.

How to Convert from one Coolant Type (ELC) to Another (NFOAT) by Using the ACUSTRIP 40240 Test Strips

If you want to convert from HD Extended Life antifreeze/coolant formulation to a nitrite free product, measure the nitrite level and as it reaches a concentration of less than 300 ppm, start to top it off with the nitrite free coolant formulation. Over time you will have obtained coolant that utilizes the best of the both chemistries. Using the ACUSTRIP 40240 test strips to accomplish this will save you a complicated and cost prohibitive flush and fill procedure.

If you decide to keep the ELC product in your system, add an appropriate Extender and continue monitoring Nitrite and Organic acid inhibitors level in accordance with PM recommendations. For example, PG should be a minimum of 40% and maximum of 70% - ELC should be above 70%.



SAFETY WARNING: REMOVAL OF RADIATOR CAP IS DANGEROUS

Radiators are under pressure. Hot coolant under pressure can cause severe burns. Do not remove the radiator cap on a hot engine. Wait until the temperature is below 50° Celsius (120° Fahrenheit) before removing the cap. Failure to wait may result in personal injury from hot coolant spray or steam. Remove cap slowly to relieve all pressure.

Dispose of your used test strip with normal paper waste.
Dispose of your used antifreeze coolant in accordance with local regulations.