



Acid-Test

Acid Test Kit for Air Conditioning and Refrigeration Lubricants

ACID-TEST is a test to verify the presence of acid, a solution to determine the correct level of acidity in the lubricant and in the refrigeration system.

The acidity of a system is generally caused by the natural decomposition of gases and lubricants in it; these derivatives can react to the presence of humidity, generating organic, carbonic, hydrochloric, hydrofluoric acids.

These kind of acids have a very high aggressiveness toward metals: that is the cause of many leaks or of the break of compressor in the most dangerous cases. The system does not signal the level of acidity. A lubricant color change is noticeable just in some dangerous cases: this is due to the presence of oxidized metal in it. An easy and efficient way to control the system is using **ACID-TEST**.

Its usage is easy and immediate. Furthermore, **ACID-TEST** is suitable for all the types of gases and lubricants.

Instructions: pick up a small quantity (mL) of lubricant from the system. Pour 2 mL of POE or 4 mL of any other lubricant in a container. Tighten the cap securely and shake the content of the container energetically for some seconds.

Watch the change of the color:

- if purple or blue - the lubricant has a low level of acidity. No intervention needed
- if green - the lubricant has a medium level of acidity. An intervention is required to correct the conditions of the system.
- if yellow - the lubricant has a high level of acidity. A strong correction is required and even a general check-up is, in order to solve other possible problems.

It is recommended to correct the system quantity of acidity with **NO-ACID**, an Acid Neutralizer by Errecom.

