

Acid-Test

Test to verify the Presence of Acid in Compressor Oil of AC/R Systems



Description

Acid-Test is the kit developed by Errecom to detect the presence of acid inside air conditioning and refrigeration systems. It is essential to ensure the regular and preventive maintenance of the system and provide an accurate method, far quicker and cheaper than laboratory tests, to detect the presence of acidity in the compressor oil. Acid-Test is easy to use and only takes a few seconds: simply take a sample of lubricant from the system (a few drops are enough), add them to the bottle containing the reagent, shake it, and wait to see the colour change. Acid-Test contains substances that cause a chemical-colorimetric reaction on contact with acidity. If the colour changes from purple to green or yellow, it means that acid is detected: green indicates moderate acidity, yellow indicates high acidity. In addition, Acid-Test is universal as it works with all synthetic, semi-synthetic and mineral refrigeration lubricants (POE, ABZ, PAO, PAG, PVE, Mineral). Acid-Test can also be used as a method to check the quality of a new refrigeration lubricant. The kit contains 4 tests.

Field of Application

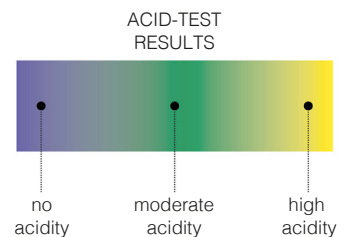
- HVAC/R
- Automotive

Features

- Universal formula: works with all refrigeration lubricants
- Easy to use
- Quick and accurate result
- Non-flammable, non-toxic, safe

Instructions

1. Take a sample of lubricant (just a few drops) from the system.
2. Add 2 mL of POE or 4 mL of any other lubricant in the bottle.
3. Close the bottle and shake for a few seconds.
4. Wait to verify the colour change:
 - Purple/blue: low acid - no action required.
 - Green: moderate acid - fix the system conditions.
 - Yellow: high acid - urgent action required to verify in detail which are the problems that affect the system and solve them.



Physical and Chemical Properties

Property	Value
Aspect	Clear liquid
Colour	Purple
Odour	Characteristic
Relative density	0,879 ± 0,005 g/ml (at T = 20°C)
Flash point	63°C

Categorisation and Labelling

This technical specification is only applicable when it comes with the current Safety Data Sheet. In accordance with legal requirements, only the Safety Data Sheet contains current safety information.

Safety Instructions

Wear protective gloves and eye protection.
Read the label and the MSDS before use. The MSDS is available on request.

Storage Instructions

Keep away from direct sunlight.
Store in a dry and well ventilated place.
Store between +5°C and +35°C.
Keep away from food, drink and feed.

Transport Conditions

This product is not regulated for transport according to ADR/RID, IMDG, ICAO/IATA.

Shelf Life

3 years from the production date.

Packaging

Art.-Nr.		
RK1349.S1	12	2160

Hazard Statements



Danger

Hazard statements: H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statements: P280 Wear protective gloves and eye protection.

Contains butan-1-ol