



Virginia TKO Acid Test Kit

The TKO acid test kit is the easiest way of determining if a mineral or alkylbenzene compressor oil is safe or acidic. Acid in a refrigeration system can originate from moisture or a motor burnout. Small amounts of moisture in a system combine with oils, refrigerants and the heat of compression to form hydrochloric and other acids. Similarly, when a motor "burns" in a compressor, hydrochloric and other acids are produced from a chemical reaction. These acids can cause damage to a system and may eventually cause the system to fail prematurely. It is imperative that all acid be thoroughly removed from the system through flushing or with a suction line filter drier such as the Virginia KMP series WSL filter drier.

The TKO acid test kit is the service techs' number one defense against acid in a system by giving a visual indication if the system is safe, or if steps need to be taken to remove the acid to preserve the integrity of the system. For systems using polyol ester oils, use our ETK acid test kit.



CHARACTERISTICS:

- Ultra-sensitive color change provides an accurate indication.
- Color comparison chart in every box.
- Inexpensive to use.
- Made in the USA

USES:

Any refrigeration or air conditioning system which uses mineral or alkylbenzene lubricants and where acid formation is suspected.

INSTRUCTIONS FOR USE:

1. Obtain an oil sample from the system.
2. Fill the bottle up to the line with the oil sample.
3. Replace cap and shake for 5-10 seconds.
4. Set bottle aside and allow to stand for 15 seconds.
5. Compare color against the chart included with the bottle to determine acid content in the system. Test will remain purple if safe, but will change to orange or yellow if acid is present. *Note: In some cases where oil is dark, the fluid in the TKO kit may also darken. To obtain a reading, hold bottle up to light and view color around the top edge of fluid*





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CAUTIONARY NOTES:

- For professional use only.
- Harmful or fatal if swallowed.
- Extremely flammable. Do not use near heat, sparks or open flame.

Refer to MSD sheet for further information. MSD sheets are available at your local wholesaler or by calling Virginia KMP.

PACKAGE SIZES AVAILABLE:

Available as a single test kit or in a convenient 12 pack.

OTHER TEST KITS AVAILABLE FROM VIRGINIA KMP:

ETK - Use to test polyol ester lubricant systems for acid.

RTK - For use in retrofitting systems to POE lubricants by indicating the percentage of mineral oil remaining in a system.

OA-1 - Mail off an oil sample and receive back a spectrographic analysis of over 20 different components as well as a numerical determination of viscosity, moisture and acid content.

NON-WARRANTY - All data, statements and recommendations contained herein are based upon the best information available and are believed to be reliable. However, no warranty, either expressed or implied, is made concerning the application of this product since the customer's use cannot be controlled. Statements concerning the use of this product should not be construed as suggestions, recommendations or inducements that it be used in violation of patent rights or in violation of any applicable laws or regulations. Product improvement is a continuous process at Virginia KMP Corp., therefore, product specifications may change without notice. Please contact your VKMP representative or distributor to verify details.