



www.acustrip.com

1-973-299-8237

Hydrocarbons in DEF Test Specifications & Instructions

ACU480508 Series

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

Introduction

The Acustrip ACU480508 Series is designed as a quick and easy test for presence of hydrocarbons. Simply immerse in DEF, water or soil to test for oil contamination using the included vial and pipette.

One of the most popular uses of the 480508 is to check for oil contamination of diesel exhaust fluid. The Hydrocarbons in DEF Test Kit is easily used to determine if there has been contamination to the diesel exhaust fluid tank. Simply remove the DEF from the tank using the pipette prior to the strip being immersed. The presence of hydrocarbons causes black spots to appear on the test strip. The ACU480508 is also suitable for testing the presence of hydrocarbons in antifreeze coolant.



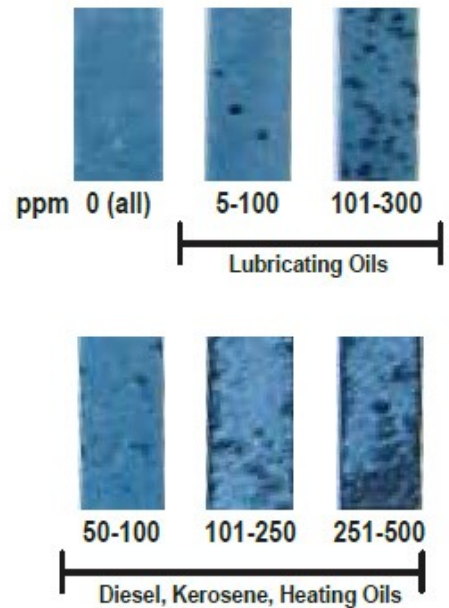
ACUSTRIP products meet or exceed standards as outlined with: EVA Certification, GMP, TMC RP 329/330, TMC RP 302B, TMC RP 338A, ASTM D 3306, ASTM D 4985, ASTM D 6210, & ASTM D 6472

Availability

The Acustrip 480508 Hydrocarbons in DEF Test is available in kit form in cases of 12 bottles of 50 test strips each along with vial and pipette. Single bottles are available by special order.

Procedures

- Use the ACU480508 test to check for hydrocarbons in diesel exhaust fluid, coolant or soil.
- Start with clean, dry hands and utensils.
- Run test in a well-lit area, natural light if possible.
- For best results, follow all directions carefully.
- Extract 5mL sample of DEF with a fresh pipette.
- Fill a fresh plastic vial with the 5mL of DEF sample. (At least 50% of the test strip must be immersed)
- Dip the test strip into the DEF sample with a slow back and forth motion for 20 sec and remove (do not shake).
- Wait 5-10 sec and observe for concentration of black spots on the strip. The appearance of black spots on the strip indicates the presence of hydrocarbons.
- The number and density of the black spots increase with higher levels of hydrocarbons.
- For detection of oil in soil, press the paper firmly against the soil to be tested and rinse with clear water.



* Store bottle away from direct sunlight and below 90°F/32°C.

Determination of Hydrocarbons in Antifreeze

Apply a drop of the antifreeze to be tested to the test strip, or move the strip back and forth a few times in the sample of the antifreeze coolant. In the presence of hydrocarbons black spots appear. The intensity and the size of the spots are indicative of the quantity of oil contained in the test solution. Do not open a hot radiator to perform this test. The test is best performed on a sample of the antifreeze coolant taken from the cooling system.