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Oil in Water DEF Test Specifications & Instructions

ACU44863 Series

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

Introduction

The Acustrip 44863 Series is designed as a quick and easy test for presence of oil. Simply immerse in DEF or water to test for oil contamination or press to soil to check need for remediation.

One of the most popular uses of the 44863 is to check for oil contamination of diesel exhaust fluid. The DEF Oil in Water 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 a syringe prior to the strip being immersed and agitated. The presence of oil causes a change in the color of the strip.

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



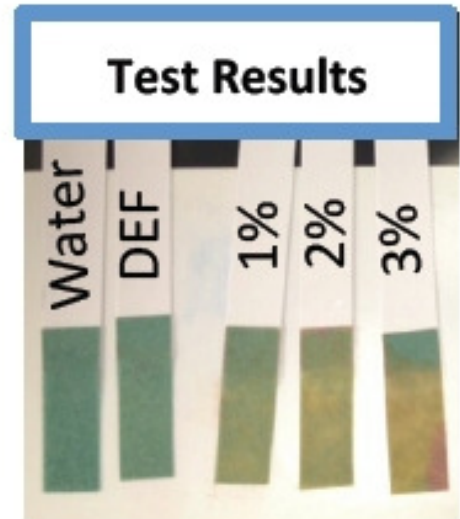
Availability

The Acustrip 44863 DEF Test is available in kit form as a hard plastic box of 100 pre-cut strips along with vial and syringe. The product is also available as Ford Rotunda Part Number 328-44-863 (formerly 328-00012).

Material Data Safety Sheets for our products are available at: www.acustrip.com/msds.html

Procedures

- Use the ACU44863 test to check for oil in any water sample or diesel exhaust fluid.
- 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.
- Simply remove the DEF from the tank using a syringe prior to the strip being immersed and agitated.
- The presence of oil causes a change in the color of the strip.



Determination of Oil in Soil

Press the paper against the soil to be tested and rinse quickly with clear water. In the presence of oil dark blue spots appear against the light blue background. In the presence of larger quantities of oil the latter will penetrate thru the paper making the rinsing superfluous.

Determination of Oil in Antifreeze

Apply a drop of the antifreeze to be tested to the test paper, or move the paper back and forth a few times in the sample of the antifreeze coolant. In the presence of oil blue discolorations appear. The intensity and the size of the blue spots are indicative of the quantity of oil contained in the test solution. Antifreeze coolant that is free of oil will neither moisten nor discolor the paper. 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.

Limits of Sensitivity

Substance	Color Reaction Lower Limit (mg/1 of water)	Color Reaction Detectable (mg/1 of water)
Petroleum (B.P. 40-80°C)	250	400
Gasoline (High Octane)	10	25
Heating Oil	5	10
Lubricating Oil	1	5