

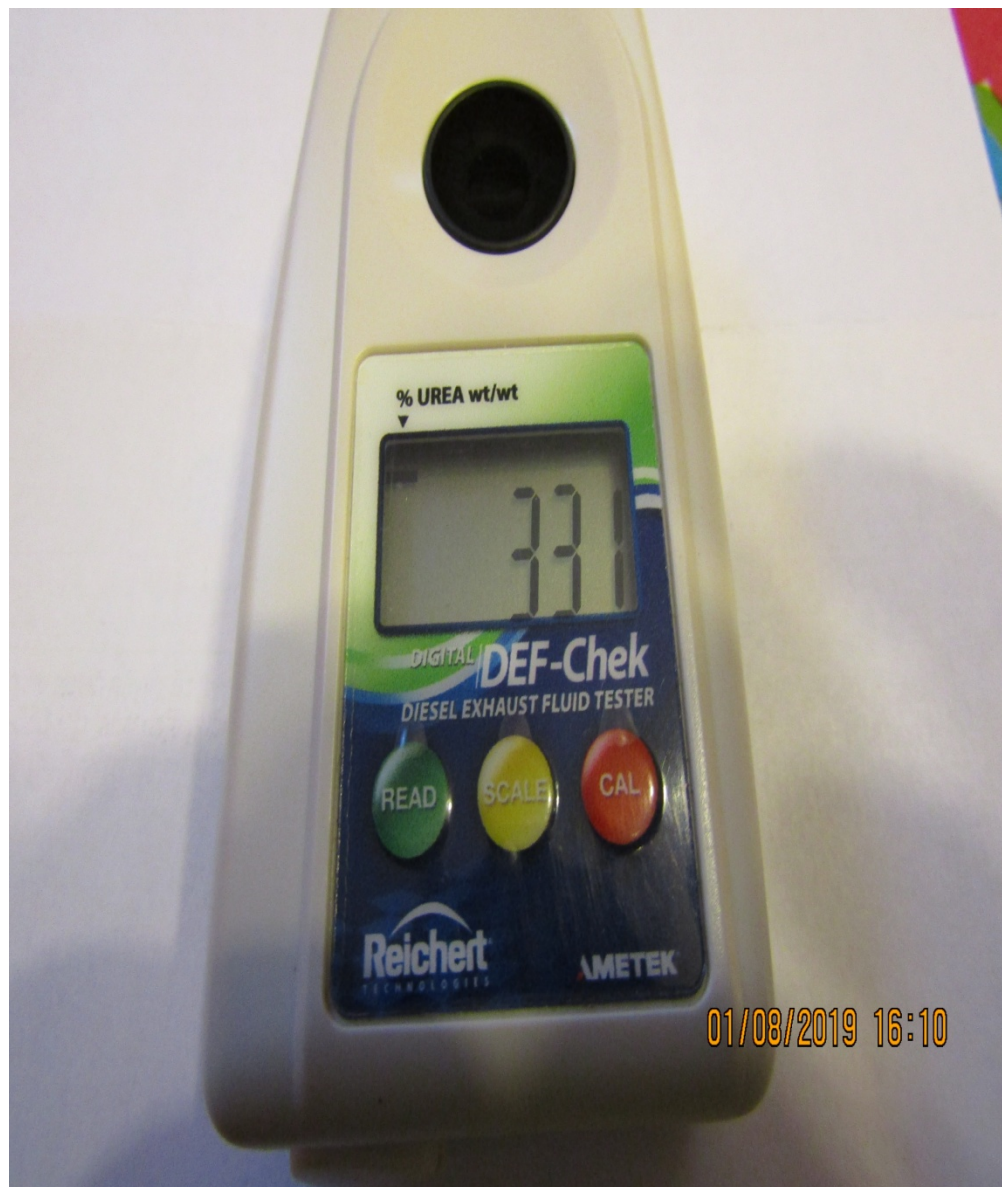
# Demonstration of DEF Testing for contamination



Calibration of  
refractometer



Testing of  
DEF



Verification of DEF  
concentration





Visual  
inspection for  
DEF solids

01/08/2019 16:14



Top Floating Solids



Middle  
contamination



Bottom  
Contamination







Left side Def Fluid

Right Side 50/50 mix  
 $\frac{1}{4}$  cup water  
 $\frac{1}{4}$  cup DEF fluid

20 ml of windshield fluid added to 40 mL of DEF



60mL of fluid( windshield and DEF) minimal reaction observed





30 mL of antifreeze, 40 mL of DEF with Acustrip pH test strips( part number 1550)

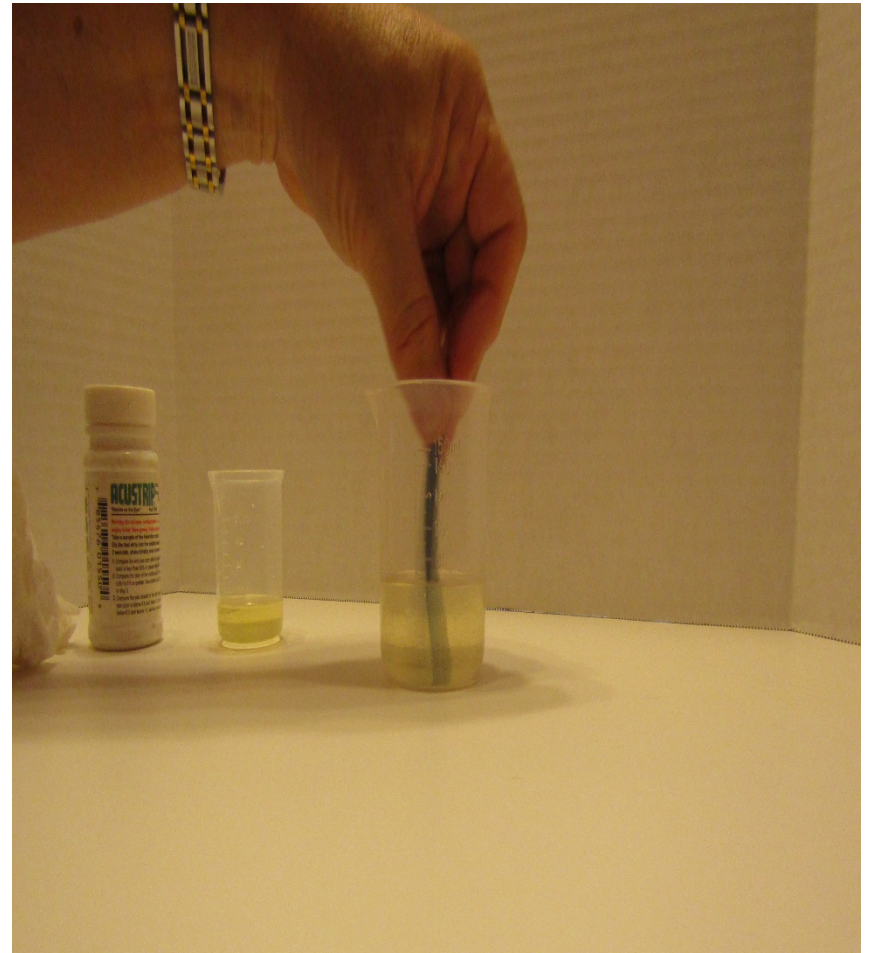


Testing the pH of the antifreeze; Observed to be in normal range





15 mL of antifreeze added to 40mL of DEF; Gold tint noticed



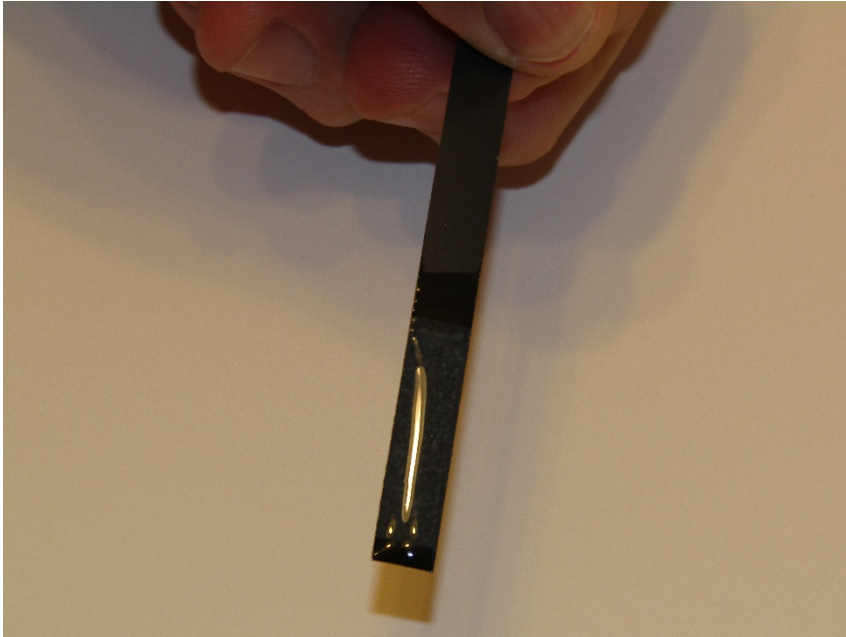


Minimal reaction observed with antifreeze/ DEF mixture



20mL of engine oil added 40 mL of DEF

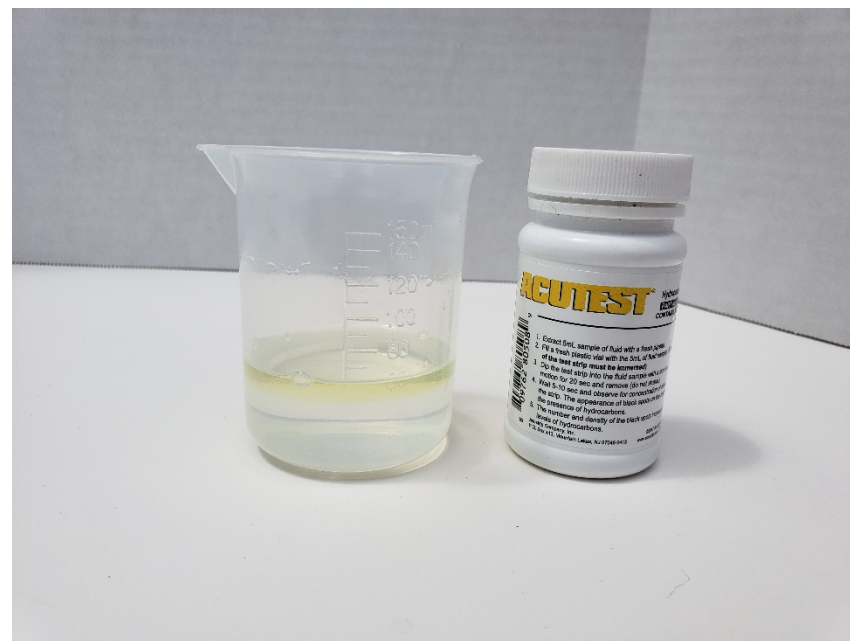
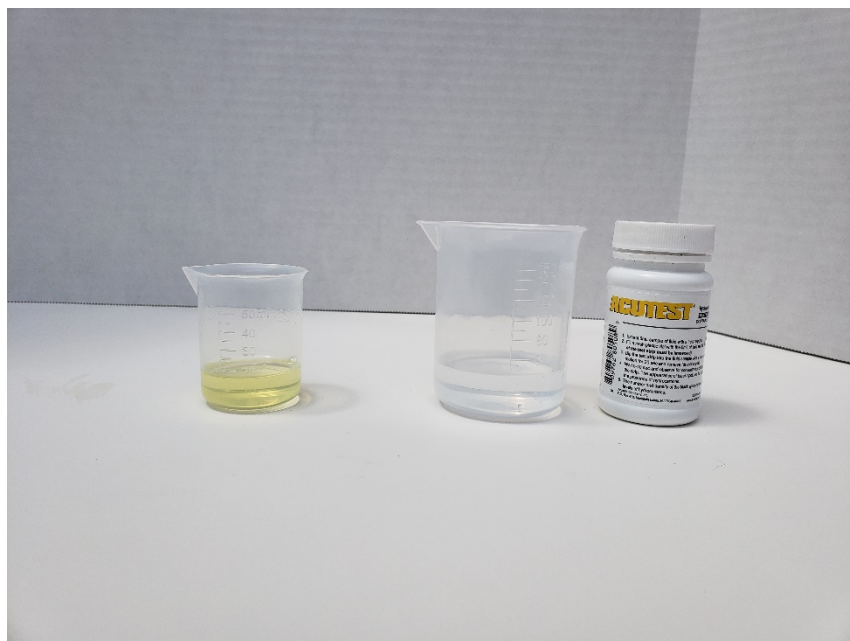




**Test trip on left shows reaction to engine oil**



20mL of gasoline added to 40 mL of DEF



Test strip on left shows reaction of gasoline and DEF mixture

