

# Engine Oil Dipstick Test

**Meets NATEF Task:** (A8-A-4) Diagnose engine mechanical, electrical, electronic, and fuel concerns; determine necessary action. (P-2)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_ 1. Check the engine oil level and condition.

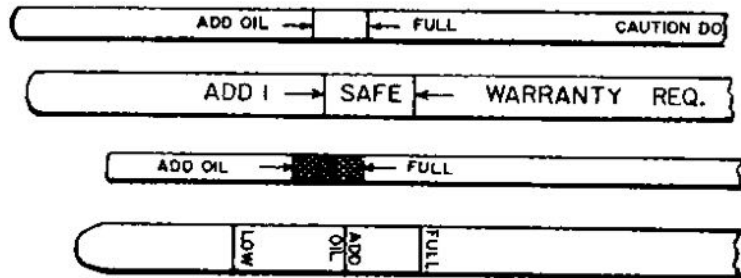
Level: \_\_\_ low \_\_\_ okay \_\_\_ overfilled

Color: \_\_\_ black \_\_\_ dark brown \_\_\_ amber

\_\_\_\_ 2. Ignite the oil on the dipstick:

\_\_\_\_ does not burn

\_\_\_\_ does burn



**NOTE:** If the oil on the dipstick burns, there is gasoline in the oil. This will cause the engine to run rich by drawing the fuel through the PCV system. Gasoline in the oil can also damage the engine due to the diluted oil not properly lubricating the engine.

\_\_\_\_ 3. Drip oil onto the hot exhaust manifold:

\_\_\_\_ does not bubble

\_\_\_\_ does bubble

**NOTE:** If the oil bubbles on the exhaust manifold, coolant (water) is in the oil.

\_\_\_\_ 4. Rub the oil from the dipstick between your fingers:

\_\_\_\_ does not feel gritty

\_\_\_\_ does feel gritty

\_\_\_\_ 5. Based on the test results, what is the necessary action? \_\_\_\_\_

\_\_\_\_\_