

Engine Oil Dipstick Test

Meets NATEF Task: (A1-A-7) Diagnose oil consumption 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.

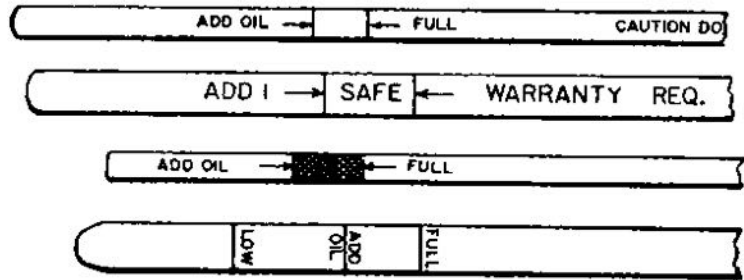
Level: ___ low ___ okay ___ overfilled

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? _____