Chapter 11
Diesel and Biodiesel Fuel

**ACROSS**

2 _______ refers to the temperature below which wax in diesel or biowax in biodiesels forms a cloudy appearance.

4 _______ is a measure of the ignition properties of diesel fuel relative to cetane as a standard.

6 _______ is a sensor that is used to illuminate an indicator on the instrument panel when service is needed.

7 The air intake restriction gauge allows the service technician to determine the condition of the air filter element by opening the air filter housing.

9 _______ is ultra-low-sulfur diesel (ULSD) is a standard for defining diesel fuel with substantially lowered sulfur contents.

10 The _______ is an organization that specifies a specific type, grade, and viscosity of oil.

11 These codes indicate needed service or issues related to customer driving habits.

**DOWN**

1 _______ is a fluid consisting of a mixture of 32.5% laboratory grade ammonia and 67.5% deionized water.

3 _______ is a measure of how heavy or light a petroleum liquid is compared to water.

5 _______ is defined in the Fuel Quality Standards Regulations 2001 as a "blend primarily comprising diesel and an alcohol".

8 _______ is an organization that sets standards for either 100% diesel or the standards for biodiesel blends.