Diesel Engine Operation And Diagnosis
Chapter 19

ACROSS
1. Urea is called __________ in North America and AdBlue in Europe.
2. Ford 7.3 and 6.0 liter diesels use a system called a __________ system.
3. __________ is a method used to reduce NOx emissions by injecting urea into the exhaust stream.
4. __________ are used in all light-duty diesel vehicles, since 2007.
5. The __________ has two pressure sample lines.
6. __________ is used as nitrogen fertilizer.
7. __________ is a device used for checking a diesel injector nozzle for proper spray pattern.
8. __________ means the percentage of light that is blocked by the exhaust smoke.
9. __________ refers to tiny particles of solid or semisolid material suspended in the atmosphere.
10. In a __________ diesel engine, fuel is injected directly into the cylinder.
11. The process of purging soot from the DPF is described as __________.
12. Incoming air is compressed until its temperature reaches about 1,000°F (540°C) and is called __________.

DOWN
1. __________ means the percentage of light that is blocked by the exhaust smoke.
2. A __________ is a heating element that uses 12 volts from the battery and aids in the starting of a cold engine by providing heat to help the fuel to ignite.
3. Never diesel engines use a fuel delivery system referred to as a __________ design.
4. A diesel engine uses a fuel system with a precision __________ and individual fuel injectors.
5. Between the fuel tank and the lift pump is a __________.
6. __________ is used as nitrogen fertilizer.
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