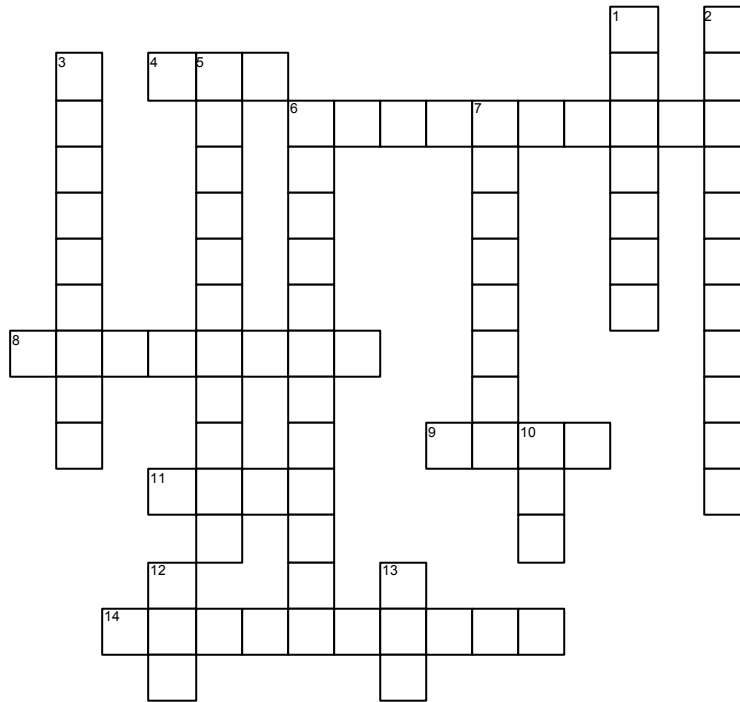


# Diesel And Biodiesel Fuels

## Chapter 7



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### ACROSS

- 4 \_\_\_\_ is a term used when the oil may or may not be pure vegetable oil.
- 6 \_\_\_\_\_ is the low-temperature point when the waxes present in most diesel fuels tend to form crystals that can clog the fuel filter.
- 8 \_\_\_\_\_ is a domestically produced, renewable fuel that can be manufactured from vegetable oils, animal fats, or recycled restaurant greases.
- 9 The emission controls used on 2007 and newer diesel engines require the use of \_\_\_\_\_ for reliable operation.
- 11 \_\_\_\_\_ classifies diesel fuel by volatility into grades.
- 14 \_\_\_\_\_ is an arbitrary scale expressing the gravity or density of liquid petroleum products.

### DOWN

- 1 \_-\_\_\_\_\_ is standard No. 2 diesel fuel that contains up to 15% ethanol.
- 2 \_\_\_\_\_ is another name for regular diesel fuel.
- 3 \_\_\_\_\_ is the temperature below which the fuel would stop flowing.
- 5 \_\_\_\_\_ is one of the diesel fuel required characteristics.
- 6 The \_\_\_\_\_ is a measure of the ease with which the fuel can be ignited.
- 7 \_\_\_\_\_ is the name for No. 2 standard diesel outside of the United States.
- 10 Vegetable oil is a triglyceride with a glycerin component joining three hydrocarbon chains of 16 to 18 carbon atoms each, called \_\_\_\_.
- 12 \_\_\_\_\_ is the term most often used in Europe to describe straight vegetable oil.
- 13 \_\_\_\_ could include animal or fish oils from cooking.