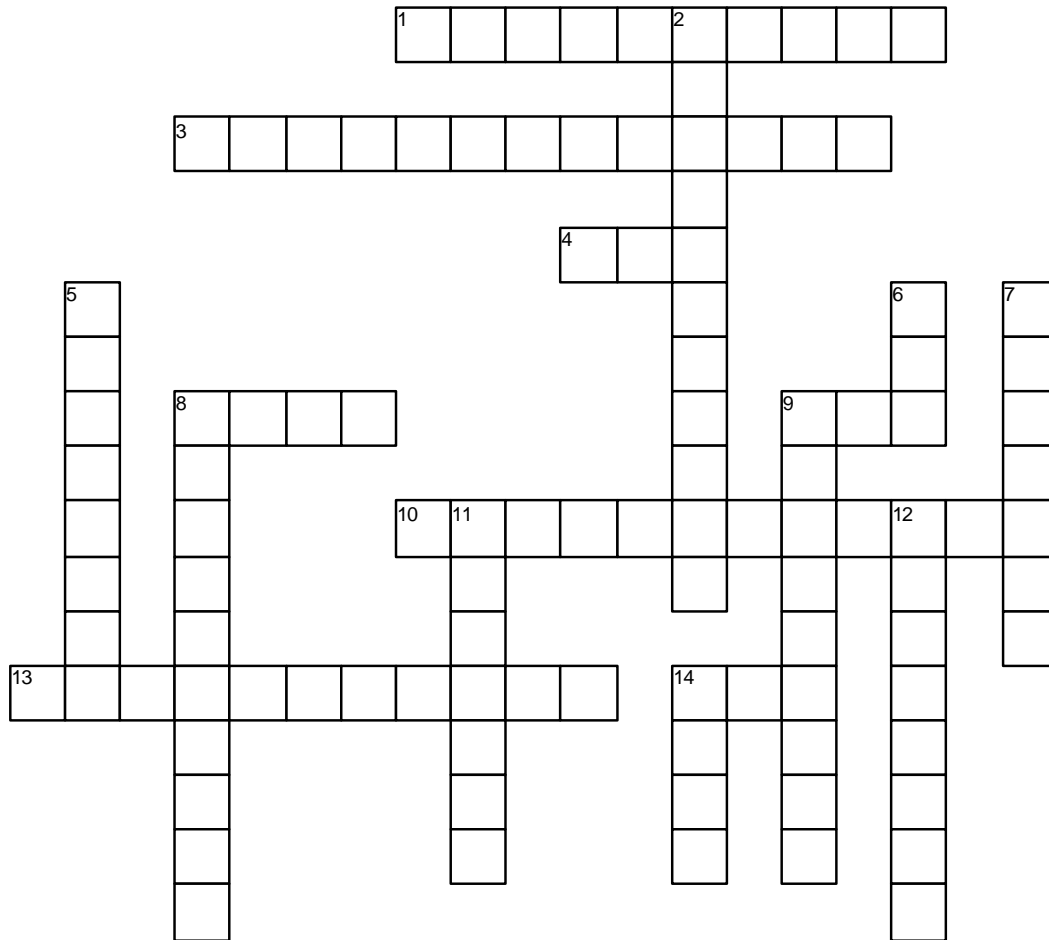


# Diesel And Biodiesel Fuels

## Chapter 70



<http://jameshalderman.com>

### ACROSS

- \_\_\_\_\_ is the low-temperature point when the waxes present in most diesel fuels tend to form crystals that can clog the fuel filter.
- The \_\_\_\_\_ of diesel is very important to the life of the engine.
- Vegetable oil is a triglyceride with a glycerin component joining three hydrocarbon chains of 16 to 18 carbon atoms each, called \_\_\_\_\_.
- \_\_\_\_\_ classifies diesel fuel by volatility into grades.
- \_\_\_\_\_ is the term most often used in Europe to describe straight vegetable oil.
- The \_\_\_\_\_ is a measure of the ease with which the fuel can be ignited.
- \_\_\_\_\_ is one of the diesel fuel required characteristics.
- \_\_\_\_\_ is a term used when the oil may or may not be pure vegetable oil.

### DOWN

- \_\_\_\_\_ is another name for regular diesel fuel.
- \_\_\_\_\_ is the name for No. 2 standard diesel outside of the United States.
- \_\_\_\_\_ could include animal or fish oils from cooking.
- Diesel fuel to be used on farms and off-road use is \_\_\_\_\_.
- \_\_\_\_\_ is an arbitrary scale expressing the gravity or density of liquid petroleum products.
- \_\_\_\_\_ is the temperature below which the fuel would stop flowing.
- \_\_\_\_\_ is standard No. 2 diesel fuel that contains up to 15% ethanol.
- \_\_\_\_\_ is a domestically produced, renewable fuel that can be manufactured from vegetable oils, animal fats, or recycled restaurant greases.
- The emission controls used on 2007 and newer diesel engines require the use of \_\_\_\_\_ for reliable operation.