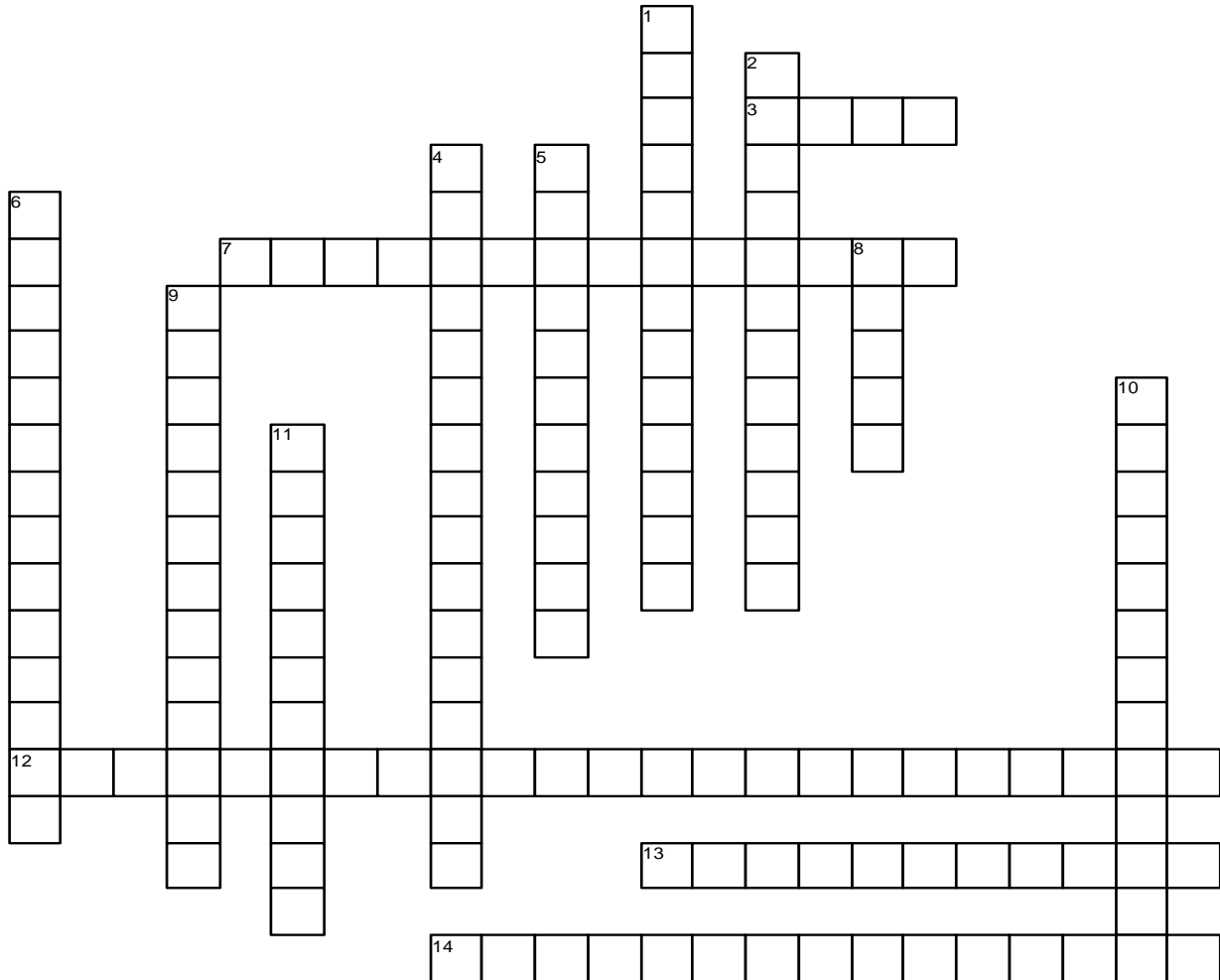


Refrigerants and Refrigerant Oils

Chapter 5



<http://jameshalderman.com>

ACROSS

- 3** The ____ index was developed, which rates the impact of various refrigerants along with the energy required to perform the cooling operation.
- 7** CFCs do the most damage and have an ____ potential of 1.
- 12** Each shop that performs A/C service on motor vehicles shall certify to the _____ agency that it is using approved recycling equipment and that only properly trained and certified technicians are using this equipment.
- 13** PAG or ester oil is very _____, which means that it can absorb moisture directly from the air to about 2% to 6%.
- 14** CFC and hydrocarbon gases such as butane and propane are considered _____.

DOWN

- 1** A gas layer traps heat at the Earth's surface and lower atmosphere, and it is increasing the temperature of our living area, this is called _____.

2 The upper layer of the atmosphere is called the _____, and it begins about 7 miles to 10 miles up and extends to the outer limits.

4 Another area of concern is a layer of gases that is causing a _____.

5 President Bush signed the _____, which phased out the production of CFCs in the United States by the year 2000.

6 Section 612 of the 1990 Clean Air Act established the _____ alternatives policy program to determine acceptable replacements for Class I and Class II chemicals.

8 The ____ layer is important to us because it blocks the ultraviolet wavelengths of light generated by the sun.

9 _____ potential compares the ability of different gases to trap heat, and this is based on the heat-absorbing ability of each gas.

10 _____ is a colorless and odorless gas which is a naturally occurring compound.

11 PAG or ester oil is very _____, which means that it can absorb moisture directly from the air up to about 2% to 6%.