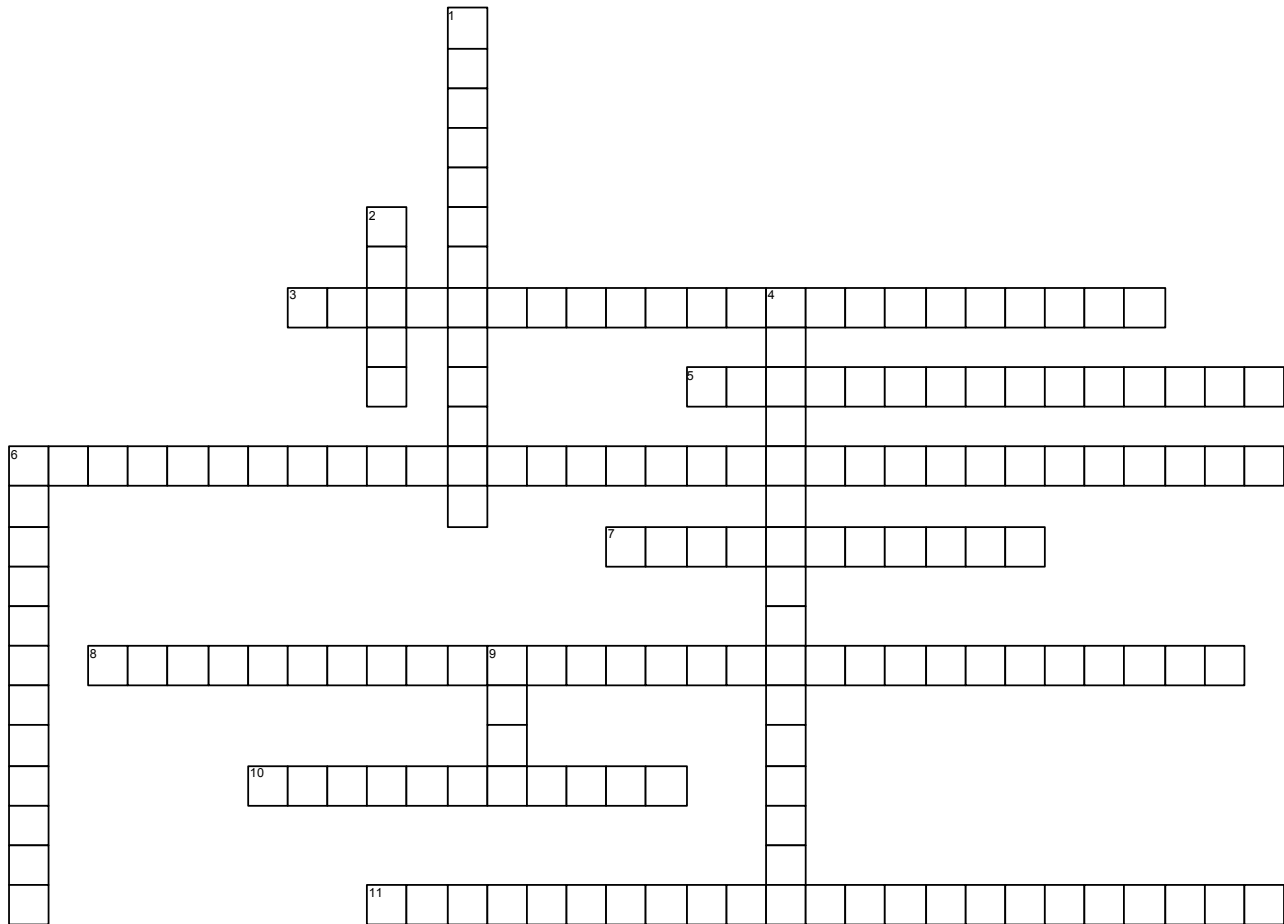


Refrigerants and Refrigerant Oils

Chapter 6



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ACROSS

- 3 _____ compares the ability of different gases to trap heat, and this is based on the heat-absorbing ability of each gas.
- 5 CFC and hydrocarbon gases such as butane and propane are considered _____.
- 6 Section 612 of the 1990 Clean Air Act established the _____ program to determine acceptable replacements for Class I and Class II chemicals.
- 7 PAG or ester oil is very _____, which means

that it can absorb moisture directly from the air up to about 2% to 6%. □

- 8 Each shop that performs A/C service on motor vehicles shall certify to the _____ that it is using approved recycling equipment and that only properly trained and certified technicians are using this equipment.
- 10 President Bush signed the _____, which phased out the production of CFCs in the United States by the year 2000.
- 11 CFCs do the most damage and have an _____ of 1.

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 _____ layer is important to us because it blocks the ultraviolet wavelengths of light generated by the sun. □
- 4 Another area of concern is a layer of gases that is causing a _____.
- 6 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.

- 9 The _____ index was developed, which rates the impact of various refrigerants along with the energy required to perform the cooling operation.