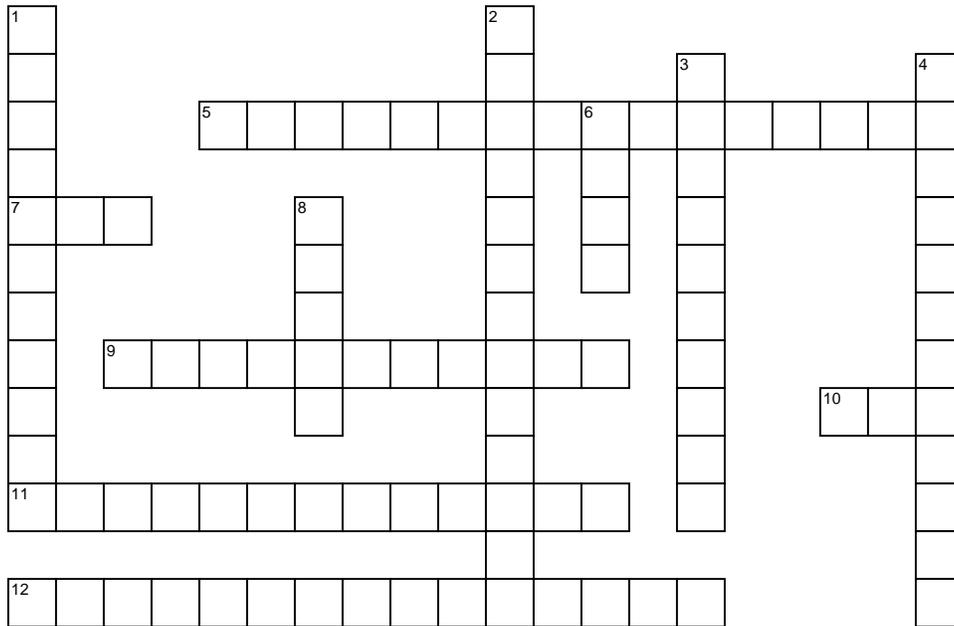


Chapter 4

Refrigerants and Refrigerant Oils



ACROSS

- 5 Another area of concern is a layer of gases that is causing a _____.
- 7 CFCs do the most damage and have an _____.
- 9 In 1990, president Bush (senior) signed the _____, which phased out the production of CFCs in the United States by the year 2000.
- 10 _____ compares the ability of different gases to trap heat, and this is based on the heat-absorbing ability of each gas.
- 11 _____ is a colorless and odorless gas which is naturally occurring chemical compound.
- 12 CFC and hydrocarbon (HC) gases such as butane and propane are considered _____.

DOWN

- 1 PAG or ester oil is very _____, which means that it can absorb moisture directly from the air up to about 2% to 6% .
- 2 This 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 _____.
- 3 _____ is a portion of the Clean Air Act that places certain requirements on the mobile vehicle air conditioning (MVAC) service field.
- 4 The upper layer of the atmosphere is called the _____, and it begins about 7 miles to 10 miles (11 km to 16 km) up and extends to the outer limits.
- 6 Section 612 of the 1990 Clean Air Act established the _____ program to determine acceptable replacement for Class I and Class II chemicals.
- 8 A layer of _____ extends around the Earth in the stratosphere.