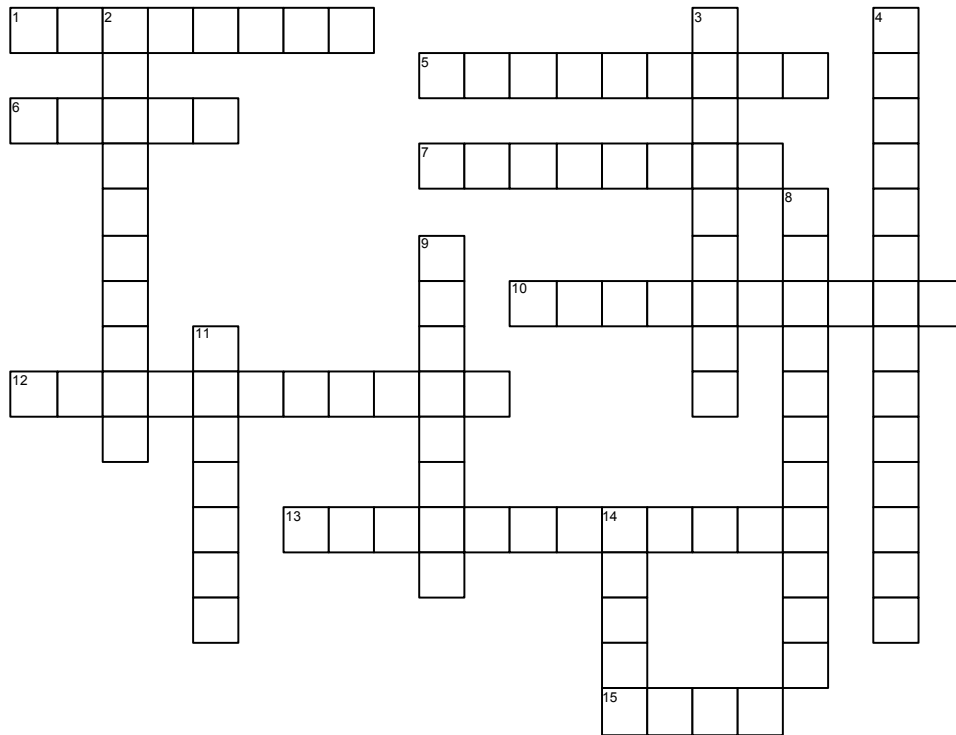


Engine Lubrication and Cooling Systems

Chapter 16



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ACROSS

- 1 One of the purposes of a lubrication system is reducing _____.
- 5 Another name for the thickness of the oil is the _____.
- 6 The normal mixture of coolant is 50% antifreeze and 50% _____.
- 7 Oil drain holes can be either _____ or cast into the cylinder heads and block.
- 10 _____ contains ethylene glycol, but does not contain silicates or phosphates.
- 12 A baffle or _____ is sometimes installed in engines to eliminate the oil churning problem.
- 13 _____ can be green, orange, yellow, gold, pink, red, or blue.
- 15 Another name for the oil pan is a _____.

DOWN

- 2 _____ is conventional coolant that has been used for over 50 years.
- 3 Engine oil is the _____ of any engine.
- 4 All manufacturers recommend the use of _____ based coolant.
- 8 Engine _____ must be high enough to get the oil to the bearings with enough force to cause the oil flow that is required for proper cooling.
- 9 The _____ of the oil pump results from its size, rotating speed, and physical condition.
- 11 The long hole drilled from the front of the block to the back is called the main oil _____.
- 14 The _____ are the clearances at the end points of the lubrication system.