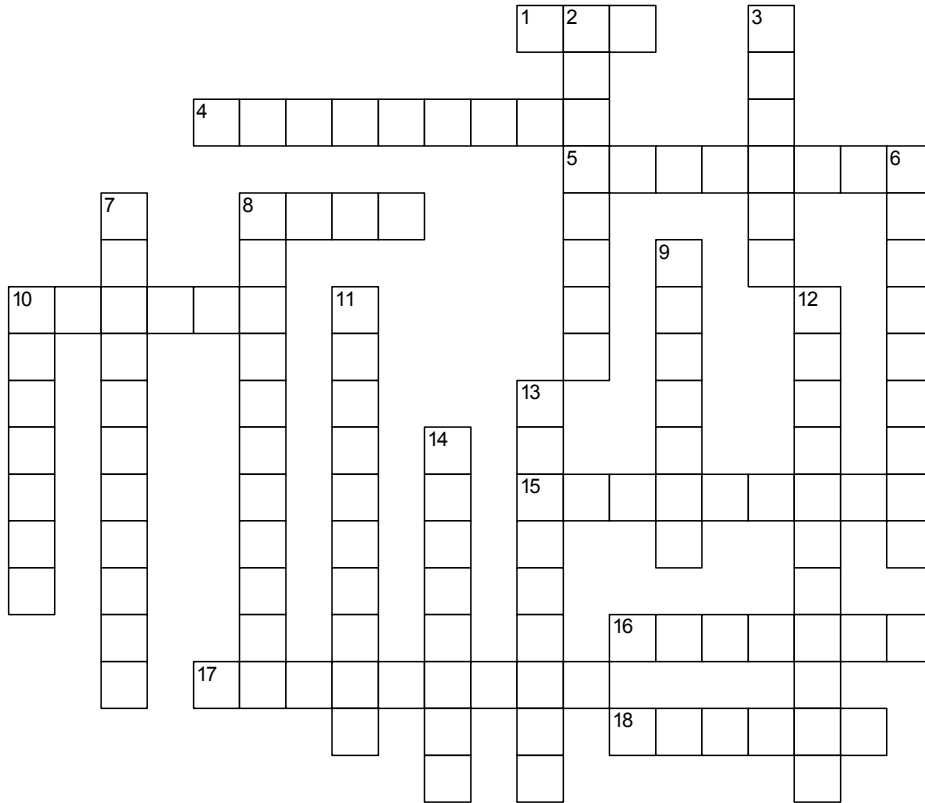


Name _____ Date _____ Period _____

Lubrication System Operation and Diagnosis



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Across

- 1 American Petroleum Institute
- 4 Added to base oil to produce engine oil
- 5 Time between oil changes
- 8 Oil drains more rapidly when the engine is _____
- 10 Holds oil that drains down from the engine
- 15 Symbol on ILSAC approved engine oil
- 16 Supports moving parts inside the engine
- 17 Oil that is not petroleum-based
- 18 The "W" in 10W-30 stands for _____

Down

- 2 All oil pumps are _____ displacement
- 3 One-millionth of a meter
- 6 Prevent metal-to-metal contact
- 7 Regulates maximum oil pressure
- 8 Prevents oil churning in the engine
- 9 Oil passage in the block
- 10 Maintains oil pressure in the engine
- 11 Prevent sludge formation
- 12 What engine oil does to acids
- 13 Resistance to flow
- 14 As oil cools, it _____