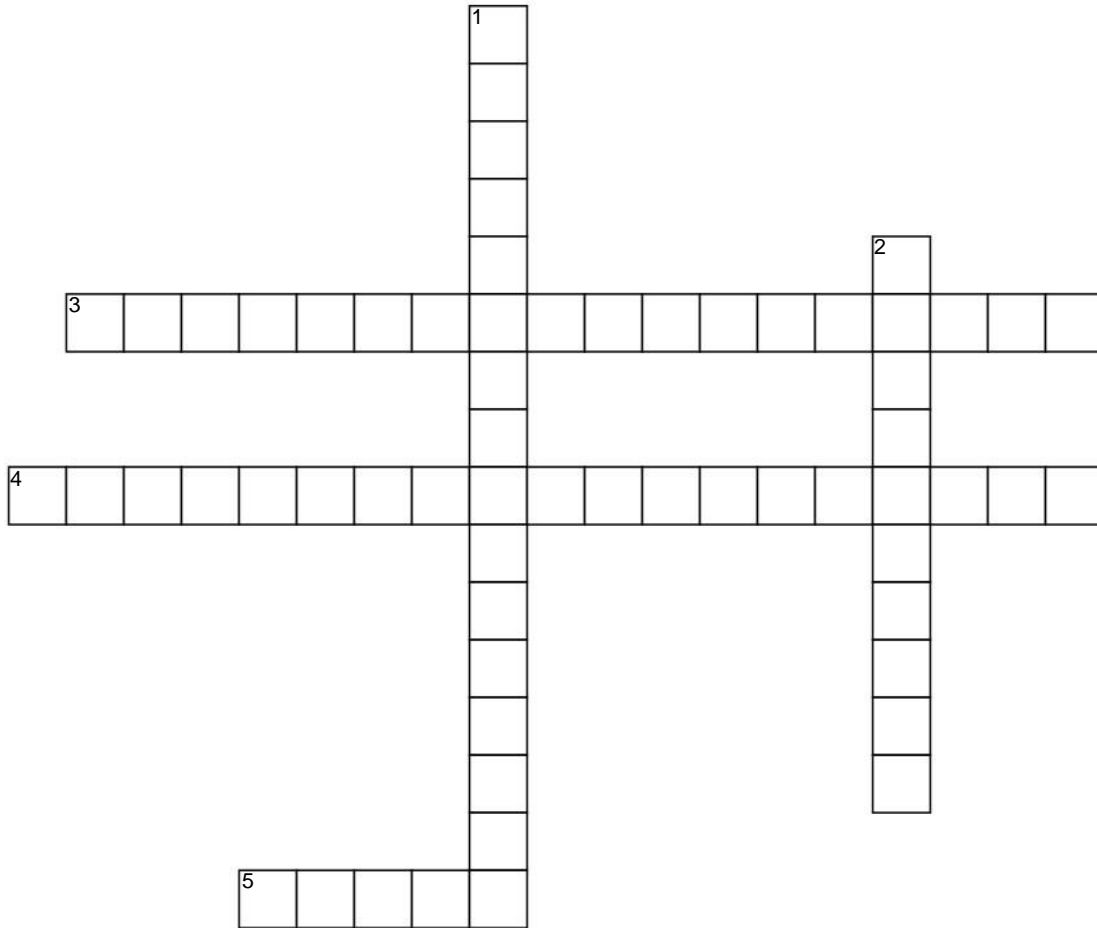


# Hydraulic Power Steering Systems

## Chapter 13



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### ACROSS

- 3 A \_\_\_\_\_ is a type of valve in which the rotation of a passage or passages in a transverse plug regulates the flow of liquid or gas through the attached pipes. The common stopcock is the simplest form of rotary valve.
- 4 \_\_\_\_\_ is a type of valve used to control or limit the pressure in a system or vessel which can build up for a process upset, instrument or equipment failure, or fire. The pressure is relieved by allowing the pressurised fluid to flow from an auxiliary passage out of the system.
- 5 strength or energy as an attribute of physical action or movement.

### DOWN

- 1 A \_\_\_\_\_ regulates the flow or pressure of a fluid.
- 2 \_\_\_\_\_ is a principle in fluid mechanics that states that a pressure change occurring anywhere in a confined incompressible fluid is transmitted throughout the fluid such that the same change occurs everywhere.