



## ACROSS

- 4 A device that transfers heat through a conducting wall from one fluid to another.
- 6 A measure of the ability of a solid or liquid to transfer heat.
- 7 An engine component that translates the rotational motion of the cam to a reciprocating linear motion in the linkage system.
- 8 A location in a line conducting fluid from working device to reservoir.
- 10 A mechanical mixture of air bubbles having a tendency to separate from the liquid phase.
- 14 Incapable of being mixed without separation of phases.
- 15 A device to prevent direct fluid flow or impingement on a surface.
- 16 The ratio of shear stress to shear rate.

## DOWN

- 1 A method that involves placing a drop of fluid on a permeable piece of paper and noting the development and nature of the halos or rings surrounding the drop through time.
- 2 A chemical substance added to a petroleum product to impart or improve certain properties.
- 3 The amount of water that can dissolve in a fluid.
- 5 A filter material made from plant fibers.
- 9 A device that prevents leakage of fluids along rotating shafts.
- 11 The progressive failure of a machine or lubricant.
- 12 Ability of an oil or grease to lubricate.
- 13 A condition of filter element loading in which contaminant spans the space between adjacent sections of a filter element, thus blocking a portion of the useful filtration.

## Crossword Puzzler Solutions:

